pproved For Release 2005/07/13 : CIA-RDP78B04770A0029000500

MEMORANDUM FOR:

Are heard that you don't know about the remote writing equipment owney that we discussed to some extent in Calif. This folder should bring you up to state. Please return with comments.

Declass Review by NGA.

hproved For Release 2005/07/13 : CIA-RDP78B04770A002900050

30 Cypr 6 1

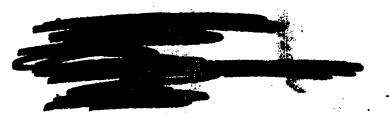
FORM NO. 101 REPLACES FORM 10-101 AUG 54 WHICH MAY BE USED.

Approved F Release 2005/07/13 : CIA-RDP78B04 A002900059019-7 Major Assignment Ref: Chief, CIA/PID (NPIC) meno dated to April 1964 re Installation of senote writing equipmen 1. Keview subject menes 2. Evaluate Acommendations 3. Determine alternatives and discuss with Chief, PID or authorized 4. Survey field of render writing equip sucht. Evaluate and recommend produrement a ction. 5. Set up operational Evaluation programe
Approved For Release 2005/07/13: CIA-RDP78B04770A002900059019-7

Approved For Fease 2005/07/13 : CIA-RDP78B04770 2900050019-7

5, Prepare report.

ce Chief, CIA/PID (NPIC)



I have received a request from our office in los Angeles to send you two copies of our Government datalogue.

Of course, these estalogues become objects at the end of the 164 fiscal year. June 30, 1964. Our new USA number is 45-005-50504 and technical effective July 1, 1964. We do not have therebooks printed yet, but there are no price changes in the casic units. I will send two topies as soon as we get them.

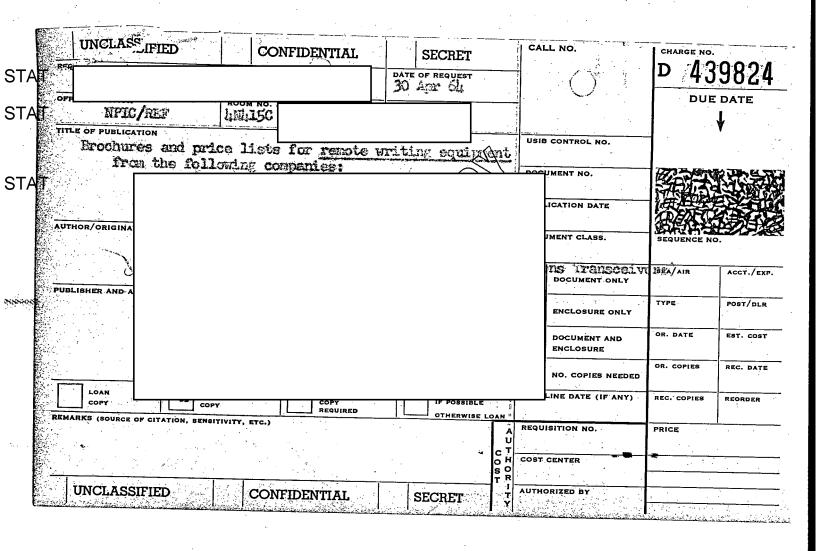
If you have any questions or would like to see a demonstration of the Electrowriter equipment, please call me.

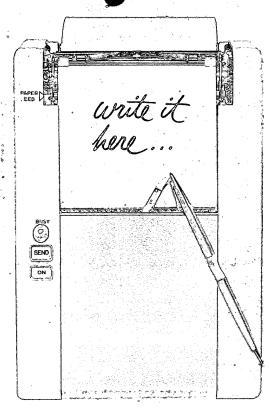
We have a sales office and service facilities in Alexandria, Virginia.

Very truy yours,

JAG/da

SIAI



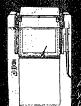




VICTOR *Életrourit* 

solves today's complex business communication problems with ease

# VICTOR Electouriter



...an instant written communication system

exactly as seni



As you write your message

a Major MONTAVOMMI IN BUSINESS COMMUNICATION

trowriter Communication oms transmit handwritten sages or sketches to any der of receiving stations ver any distance (50 yards miles~5000 miles).

Your handwritten messages are transmitted the instant you write them . . . exactly as you write them. Even your signature is faithfully reproduced.

Extronal CommensionMono
Completely self-contained
Electrowritor units operate over
private wire, lessed or company
owned, as well as over regular
local and long distance tolephone
Electrowriter instruments regular
no extraneous power supplies
Regardless of distances involved, Electrowriter units will
transmit to and receive from any
number of stations.





#### Immediate Signed Authority



#### Immediate Attention Call to Action

# Immediate Communications with

As you write, Electrowriter de-livers your exist message any distance without a moneyel. loss, factual tests have provine Electrowriter electric for trans-continental transmissions as well as local communications. Non-attended leadure of Electrowriter is an added phis in distant com-municating. If receptent is out, message is held for his imme-diate attention without need to call backs.

**Distant Locations** 

#### Transmits Complex and Graphic Data

## Centralized Control

#### Eliminate Errors



Save

#### Reduce Overhead



Combines both the sending and receiving of written messages in one complete, desk-size unit. The new Electrowriter Transceiver costs less than a two-unit transmitter-receiver system, and is compatible with all existing Electrowriter instal-lations. As an added feature, the transceiver provides a permanent written record of both the original transmission and its correspond-ing reply on the same Electrowriter form. Ideal for frequent two-way instantaneous written communications.

The transmitter is the sending unit in the Electrowriter Communication System. Transmitters speed one way communications, as you write. Send handwritten messages, sketches, and annotations anywhere—any distance—to any number of receiving units. Operates as easy as writing with ball-point pen on ordinary paper. All Electrowriter units are com-patible with existing Electrowriter installations

Automatically and faithfully reproduces any message or sketch instantly, as it is being written. Operates in conjunc tion and in combination with any number of transceiver, ransmitting, and receiving units—with no loss in reception fidelity—regardless of location or distances involved. Non-attended feature frees personnel for other duties; increases per-sonnel efficiency. Provides all the advantages of addi-tional trained office help—at a fraction of the cost. Compatible with existing Electro-writer installations.

#### SPECIFICATIONS

Fully transistorized. Self contained; no extraneous power supply

Height 6½ th.

Writing Area

Lorizontal—5 inches

1 —3½ inches

Ink Capacity

a ration

#### **Electrowriter®** solves communication problems every day

## How to speed the handling of customer's buy and sell orders.

customer's buy and sell orders.

A momentary stock market price fluctuation can make the difference of hundreds of dollars in slock transaction. For this reason, speed is essential. A.C. Allyn & Co., Chicago, chose the Electrowiret System for this most vital communication link. Now, five Electrowriter Transmitters rush buy and sell orders from the sales offices to the trading department. The Electrowriter installation thus department on the located separately from their sales office—orders can be transmitted with telephone speed plus written accuracy.

#### FINANCIAL INSTITUTION

### How to speed the cash requirements of member banks to the Federal Reserve

How to speed the cash requirements of member banks to the Federal Reserve One of the functions of the Federal Reserve is to supply the immediate cash needs of a member bank upon receipt of a written bank depends upon its ability for neel its financial obligations without delay. Frior to the installation of an Electrowriter System, a messenger was sent to the Federal Reserve with a signed money requisition. This resulted in considerable edelay. The "high fidelity" message transpermit the Bank of America, San Francisco or "llash" ready-cash requirements to the Federal Reserve. The new system ensures me speed, plus a permanent written record at both the sending and receiving stations. All transmissions bear the authorizing signature of a bank official.

#### AIR TRANSPORTATION

# How to alert all airline departments to last-minute air service requirements and changing passenger load. Expediting modern air travel depends upon a closely scheduled time-table of arrival

Expéditing modern air travel dépends upon a closely scheduled fine-table of arrival and departure times, passenger check-us and departure times, passenger check-us service and maintenance. In ordrec's service and maintenance. In ordrec's and guarante that each dividual air service department is advised of the last invute flight information, United Air Lines, Chicago, links their Electrowriter System to stations such as the Ticket Counter and Passenger Reservations and oil-services such as the Tight Kitchen and Trailic Control. The Electrowriter non-and Trailic Control. The Electrowriter non-fermane such as the Control of the form answering the telephone and trail-crom answering the telephone and trail-scribing verbal information to written form.

#### AIR DEFENSE COMMAND

# How to speed vital aircraft maintenance instructions from Central Maintenance to maintenance specialist stations.

Central Maintenance to maintenance The Air Defense preparedness, program depends upon the continuing maintenance of Air Defense equipment. It is the goal of this program to have each individual piece of equipment ready for immediate use at all times. An integral part of this maintenance and the program to have each individual use at all times. An integral part of this maintenance that the program and the program and the program, and personned upon this program, installed at the Hamilton Air Force Ease, California speeds this vital program, installed at the Hamilton Air Force Ease, California speeds this vital maintenance-supply efficiency.

## APPLIANCE MANUFACTURE

APPLIANCE MANUFACTURE
How to provide immediate written
control to manufacturing area.
Modern mass production methods dictate
close supervision of product progress
through each stage of manufacture in
order to avert costly production errors and
line shall downs. Very often a written
convey vital production-change information adequately without need of reverting
to an entire production stoppage. In order
to maintain a well-ordered production for
consistent with a tradition of product
uses Electrowriter units for immediate
uses Electrowriter units for immediate
message transmission from productioncontrol to manufacturing areas.

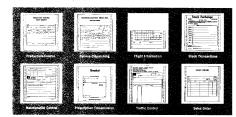
## AIRCRAFT MANUFACTURE How to link production areas with parts storage centers in order to speed dispatching of critically needed parts.

peed dispatching of critically meeded parts.

The manufacture of modern aircraft requires the coordination of an amazing complex of research, engineering, manufacture of modern aircraft requires the coordination of an amazing complex of research, engineering, manufactures and an application of the control iling to any telephone or any Electro-iter/DATA-PHONE installation located

### Printed Electrowriter forms-make it easy to get specific needed information

without annoying call-backs.



### Simple Installation and Operation

Your Electrowriter unit is powered by ordinary electrical outlets. Signals are transmitted over telephone lines wired to units at each station. Fully transistorized design eliminates the need for extraneous

Anyone can operate an Electrowriter. Writing is as easy as using a ballpoint pen on ordinary paper. Compact design permits desk-top operation. Transistorized construction permits instant operation; eliminates lengthy warm-up.



Specially trained electronic technicians service and install every Electrowriter System. Electrowriter service personnel are skilled specialists backed by years of electronic training coupled with a home office service training program continually supervised by Regional Technical Supervisors. Service offices are located in every major city.

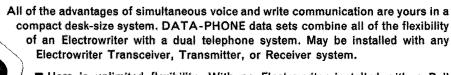
## Service . . . Plus

An Electrowriter Serviceman is just a phone call away. Maintenance service is available during normal working hours or on a 24 hour-a-day--7-days-aweek basis. In addition, Victor will train members of the service department of any purchaser in the fine points of Electrowriter service and maintenance.

# Now, two sefterces foo Relative and talk-BP 28 Feg 77 Par Dep 51819 on nection

victor *Elojidurijā*: ... with Bell System DATA-PHONE

## ... featuring attended and unattended service.



Here is unlimited flexibility. With an Electrowriter installed with a Bell System DATA-PHONE, you may write and receive any message, sketch, or graphic information . . . and alternately talk as you write and receive. In addition, the flexibility of the DATA-PHONE permits you to call any third party to verify information, for example, as you transmit and receive.

# UNLIMITED APPLICATIONS OF ELECTROWRITER/DATA-PHONE

· Alternate Talk and Write

· Simultaneous Talk and Write

· Third Parky Verification

Unattended Operation

## optional accessories that add convenience and efficiency to your

# vietor *Élatidouxiãe* communications system

# Alerting Devices Used for notifying

receiving station of message delivery. Available as pedestal lamp 18" high, wall mounted lamp, bell and station buzzer.



#### **Push-Button-Selector**

Available in multiples of five levels and a "clear" button. Used in a wide variety of arrangements for selecting stations individually, in groups, or in various combinations.



#### Winder

Automatically spools paper as it feeds out of instrument. Mounts on back of Electrowriter or on wall.



#### Circuit Assurance Console

Provides selection and automatically guards against signal line interruptions.



#### **Acknowledgment Board**

Indicates that a written message has been received at the receiver station.



#### **Dial Selector**

Selects stations connected at transmitting station through dial switchboard with corresponding equipment at selected station.

CONTACT YOUR VICTOR ELECTROWRITER COMMUNICATIONS SPECIALIST



## VICTOR

Precision Products Since 1889
ADDING MACHINES • CALCULATORS • CASH REGISTERS
DATA PROCESSING AND COMMUNICATIONS EQUIPMENT

VICTOR BUSINESS MACHINES CO., CHICAGO 18, ILLINOIS DIVISION/VICTOR COMPTOMETER CORPORATION IN CANADA: VICTOR COMPTOMETER LIMITED . GALT, ONTARIO.

STAT

Clectrowriter Sales & Service

VICTOR COMPTOMETER CORP.

BUSINESS MACHINES DIVISION 2411 WEST 8th STREET

Approved For Release 2065년 가 년 : 원부로 RDP78B04770A002900050019-7

Printed in U.S.A.

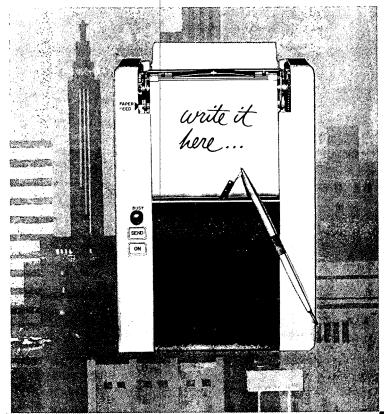
Form No. 671-245-1

CONTRACT GS-00\$14690. For Release 2005/07/13 : CIA-RDP78B44770A002900050019-7

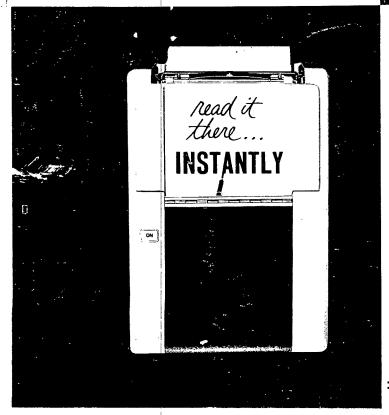
August 1, 1963 through June 30, 1964







# HANDWRITTEN COMMUNICATION SYSTEMS



# AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST

## GENERAL SERVICES ADMINISTRATION

Federal Supply Service FSC Group 58 Communications Equipment, Part II FSC Class 5815 Item No. 14-1

VICTOR COMPTOMETER CORPORATION, CONTRACTOR

Period August 1, 1963 through June 30, 1964

GSA Distribution Code C42



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## WRITE IT HERE ...

# ... READ IT THERE! INSTANTLY!

Send written authorizations, maintenance orders, weather information, shipping instructions. Write file requests, materiel and supply requisitions, drawings and sketches. Transmit signatures. No need to wait on slower communication methods. No complicated cumbersome machinery.

With Electrowriter instruments you simply write on paper in a normal manner with the attached ball point pen. As you write on the paper form or plain paper in the Electrowriter transmitter, your message is reproduced instantly by one, or many, Electrowriter receivers in the same building, across town or across the nation. Permanent written records including signatures are provided both sender and receiver. No special training or special operators are needed. Anyone who can write can use an Electrowriter system.

Electrowriter instruments can send written information, sketches or data over voice grade wire circuits, radio circuits or leased telephone lines. Or, you can "WRITE BY TELEPHONE" over local and long distance telephone networks\* and dial PBX facilities by using the Electrowriter instrument with the telephone for alternate Voice/Write service or unattended written message service.

<sup>\*</sup>Electrowriter instruments are accepted for use over local and long distance facilities of the Bell System, General Telephone System and independent telephone companies.

# **AUTHORIZED PRICE LIST**

VICTOR COMPTOMETER CORPORATION BUSINESS MACHINES DIVISION

UNDER FEDERAL SUPPLY SCHEDULE
CONTRACT GS-00S-46907 ITEM NO. 14-1

Victor Electrowriter service covering communication systems

Message and Data Transmitting Equipment

For the Period August 1, 1963 through June 30, 1964

## SCOPE OF CONTRACT

This contract is to be used as a primary source for the articles or services listed herein, for normal supply requirements of all departments and independent establishments, including wholly-owned Government Corporations, in the executive branch of the Federal Government (except the Department of Defense) and the Government of the District of Columbia, when such Government branches or agency offices are within fifty (50) miles of the service offices where the contractor can give adequate installation supervision, maintenance and service attention. SEE LAST PAGES OF THIS PRICE LIST FOR LOCATIONS OF ALL AUTHORIZED ELECTROWRITER SALES AND SERVICES OFFICES.

Activities, other than those named above, for which General Services Administration is authorized by law to procure, may place orders under this contract, subject to acceptance by the contractor, such orders may be considered as accepted if not returned to the ordering office within five working days after receipt by the Victor Comptometer Corporation sales office responsible for fulfilling the order.

Accelerated deliveries may be requested by ordering agencies when requirements are urgent. If unable to make such deliveries, the contractor will advise ordering agency of the best delivery time possible, within five working days after receipt of order. Normal delivery time is 90 days or less, depending on complexity of the system ordered.

Ordering agencies are requested to consult the Federal Supply Schedule issued by the General Services Administration in connection with this price list to obtain complete information as to the terms and conditions of the contract prior to the time of order placement.

## FOR FURTHER ASSISTANCE

If additional information or assistance is desired, it may be obtained by writing or telephoning the General Services Administration, Federal Supply Service, Procurement Operations Division, 7th and D Streets S.W., Washington 25, D.C., Telephone No. WOrth 3-6771.

Approved For Release 2005/07/13: CIA-RDP78B04770A002900050019-7

# SPECIAL PROVISIONS

Rental charges shown in this schedule include maintenance during normal working hours, 8:00 a.m. to 5:00 p.m. excluding holidays, Saturdays and Sundays within 50 miles of any Electrowriter Service Center as listed on the last page of this schedule.

Maintenance service before or after normal business hours or any time on Saturdays, Sundays, or holidays, is provided by the contractor in one of two options as outlined under the Maintenance Service Schedule, Sub-Item A, herein. On all orders, if Option 1 is not elected, Option 2 must be provided for by the ordering agency. Prices on purchased equipment include installation, a ninety (90) day guarantee, and a one year free parts warranty.

Delivery time will vary with the complexity of the system ordered and with existing supply conditions, but contractor will give an estimate of delivery for each order which in no instance will exceed ninety (90) calendar days.

Payment to the contractor for leased equipment will begin upon date the apparatus and equipment are installed ready for use, or from a date not later than thirty (30) calendar days from the date of delivery of the equipment on the ordering office's premises.

All leased equipment herein contracted for will be serviced by the contractor and maintained in first-class operating condition without expense to the Government, excepting expenses arising from repairs and replacements necessitated by the use of paper or ink not conforming to the necessary paper and ink specifications required for proper operation of the instruments or arising from negligence or damage by Government employees.

The monthly service charge rental prices and purchase prices for equipment, paper, and miscellaneous items listed herein shall apply to all existing contracts renewed or extended on or after August 1, 1963, as well as to all new systems or additions to existing systems contracted for on and after that date.

## TRANSMITTING EQUIPMENT, MESSAGE-AND-DATA

#### **ELECTROWRITER OR EQUAL**

Item 14-1

#### Sub-Item

- A. Rental of instruments and auxiliary apparatus; equipment shall transmit hand-written messages, wiring and associated equipment shall be installed by the Government in accordance with Electrowriter specifications; power shall be supplied by the Government; installation/relocation charges; charges for mileage; purchase of paper, ink and cartridges, and standard Electrowriter supplies; maintenance.
- **B.** Purchase of instruments and auxiliary apparatus; conversion from rental to purchase.
- C. Maintenance service for Government-owned (purchased) equipment.
- D. Purchase of replacement parts for Government-owned equipment.



Electrowriter systems are used in file control, maintenance control, supply requisitioning, weather dissemination, production control, traffic control and most phases of administration and management control. You can obtain an Electrowriter system on a lease basis at reasonable monthly rates. Electrowriter instruments may be used continuously at no additional charge, without restriction as to number of hours per day, or days per week.

# TRANSCEIVER, TRANSMITTER & RECEIVER PRICES

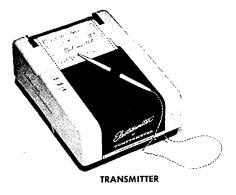
## **ELECTROWRITER INSTRUMENTS**

	SUB-I	SUB-ITEM A		
	MONTHLY RENTAL	INSTALLATION CHARGES	RELOCATION CHARGES	SUB-ITEM B
TRANSCEIVERS				
Model 26 (Sprocket)	\$45.00	\$38.00	\$35.00	\$1253.00
Model 27 (Friction)	45.00	38.00	35.00	1253.00
TRANSMITTERS		-		
Model 20 (Sprocket)	20.00	28.00	25.00	628.00
Model 21 (Friction)	20.00	28.00	25.00	628.00
Model 20G <sup>2</sup> (Sprocket)	23.75	28.00	25.00	690.25
Model 21G <sup>2</sup> (Friction)	23.75	28.00	25.00	690.25
RECEIVERS				
Model 22 (Sprocket)	25.00	28.00	25.00	778.00
Model 23 (Friction)	25.00	28.00	25.00	778.00
COPY RECEIVERS		<del></del>		
Model 22 (Sprocket)	18. <i>75</i>	13.00		763.00
Model 23 (Friction)	18. <i>75</i>	13.00		763.00

- 1. Sprocket type instruments are equipped with sprocket paper feed rollers for use with control punched paper forms. Friction type instruments are equipped with friction paper feed rollers for use with plain friction paper only.
- 2. Transmitter, Model 20G or 21G, is used, a) in all systems where more than one transmitter is common to the system and, b) in all cases where used with the telephone for voice/write service.
- 3. A copy receiver is a receiver which is an extension from a primary receiver with the sole purpose of supplying an additional copy of the message, and it is located on the same desk or console immediately adjacent to the primary receiver. If the copy receiver is installed at a later date after the primary receiver, the installation charge is \$28.00.
- 4. ALL SHIPMENTS will be made F.O.B. destination within the continental limits of the United States.

# Approved For Release 2005/07

## TRANSCEIVER, TRANSMITTER & RECEIV







TRANSCEIVER

Electrowriter units are analog devices capable of direct transmission of handwritten messages, sketches, or any other form of graphic data involving two coordinate positioning. The units are self-contained and fully transistorized. They need no extraneous power supply. Three types are available. They are transmitters, receivers and transceivers. The transceiver unit both sends and receives written messages.

SIZE -

ALL MODELS

WIDTH:

91/2"

LENGTH:

145/16"

FRONT HEIGHT:

5" (Transceiver is  $5\frac{1}{2}$ ") 6" (Transceiver is  $6\frac{1}{2}$ ")

**BACK HEIGHT:** 

28 lbs.

TRANSCEIVER WEIGHT: TRANSMITTER WEIGHT:

25 lbs.

RECEIVER WEIGHT:

33 lbs.

WRITING AREA:

5" x 31/2"

POWER SOURCE:

105-125 volts A.C., 50-60 cycles

**POWER CONSUMPTION:** 

15 watts standby

REGISTRATION ON RULED PAPER:

50 watts during paper feed Transmitter only (or receiver only)  $\pm \frac{3}{32}$ "

where center frequencies are exact.

STABILITY (pen position):

Temperature range 10 to 140°F. ±1/16"

Time (aging drift)  $\pm \frac{1}{16}$ "

Signal input variation 5 mv to 600 mv ±1/32"

(receiver only)

Power line variation 105 v to 135 v  $\pm \frac{1}{32}$ "

For fixed operating conditions these tolerances can be removed by readjusting center fre-

auencies.

FREQUENCIES:

1310 to 1490 and 2060 to 2340 c.p.s.

TRANSMITTED SIGNAL LEVEL:

-4.7 dbm to +1.4 db into 600 ohm load (380

mv to 530 mv)

RECEIVER LEVEL:

-38 dbm to +10 dbm (10 mv to 2.5 v)

**OUTPUT AND INPUT IMPEDANCES:** 

600 ohms

FREQUENCY SHIFT:

One c.p.s. frequency shift causes .021 inch pen

movement horizontally, .025 inch pen move-

ment vertically

TRANSCEIVER AND RECEIVER INK: TRANSCEIVER AND RECEIVER INK CAPACITY: Electrowriter Fluid Ink

Approximately 80 hours of constant writing

TRANSMITTER INK:

Electrowriter Transmitter Ink Cartridge

TRANSMITTER INK CARTRIDGE CAPACITY:

Approximately 70 hours of constant writing

time

## SWITCHING EQUIPMENT PRICES

		SUB-ITE	SUB-ITEM A			
			INSTALLATION AND	SUB-ITEM B		
		MONTHLY RENTAL	RELOCATION CHARGES	SALE		
CI	PUSHBUTTON SELECTOR <sup>3,4</sup>					
	(multiple selection)					
	Basic Unit, 1 to 10 button size	\$4.00	no charge <sup>1</sup>			
	Basic Unit, 11 to 20 button size	5.00	no charge <sup>1</sup>			
	Plus each button	.50				
C1	PUSHBUTTON SELECTOR		•			
	(multiple selection)					
	1 to 5 buttons			\$ 90.00		
	6 to 10 buttons			160.00		
	11 to 15 buttons			307.00		
	16 to 20 buttons <sup>2</sup>			566.00		
C2	PUSHBUTTON SELECTOR <sup>3</sup>					
	(single selection)					
	Basic Unit, 1 to 10 button size	4.00	no charge 1			
	Basic Unit, 11 to 20 button size	5.00	no charge 1			
	Plus each button	.50				
C2	PUSHBUTTON SELECTOR					
	(single selector)					
	1 to 5 buttons			98.00		
	6 to 10 buttons			178.00		
	11 to 15 buttons		•	317.00		
	16 to 20 buttons <sup>2</sup>			576.00		
CII	RCUIT SELECTOR					
	CS1	3.75	no charge <sup>1</sup>	129.20		
ΑU	TOMATIC CONTROL					
	CU1	2.00	no charge <sup>1</sup>	55.20		
	CU2	3.00	no charge <sup>1</sup>	80.40		
	CU3	3.25	no charge <sup>1</sup>	88.80		
CII	RCUIT SELECTOR and AUTOMATIC CONT	ROL				
	CSU1	4.25	no charge <sup>1</sup>	135.20		
	CSU2	5.25	no charge <sup>1</sup>	164.00		
	CSU3	6.25	\$15.00	235.00		

No charge if installed or relocated with associated rental Electrowriter instrument(s). If selectors under rental are installed or relocated without associated Electrowriter instruments, there is a \$25.00 installation charge for the first selector and a \$15.00 installation charge for each additional selector.

<sup>&</sup>lt;sup>2</sup> Consult contractor for more than 20 button capacity pushbutton selector.

<sup>&</sup>lt;sup>3</sup> Prefix ordering number, C1 or C2 with number of selecting buttons desired.

For example: a 3-button C1 selector would be ordered 3C1. This would indicate that 3 buttons of a standard pushbutton selector containing 5 selecting buttons (other standard modules are 10, 15, and 20 selecting buttons) are to be activated.

<sup>4</sup> Suffix C1 pushbutton selector with letter A when ordering for use in acknowledgment system, e.g. 5C1A.

# SWITCHING EQUIPMENT DESCRIPTION

C1 PUSHBUTTON SELECTOR The C1 pushbutton selector allows single or multiple station selection. This unit provides the flexibility to transmit to groups of stations and at times to only one station. Single station selection is obtained by depressing one button. Multiple station selection is achieved by depressing any combination of buttons or all of them. Type C1 is for use on customer-owned lines or leased telephone lines for write-only service. The Type C1 selector can consist of any number of pushbuttons. Each button, when depressed, will light to show that a station has been selected. If the station selected is busy, a "busy" light will glow on the selector. Each button is clearly labeled for identification purposes. One button in each row of six buttons on the selector is a "clear" button which is used to restore any selected buttons in that row to the normal position.

The Type C1 requires pairs of wires to each receiving station from each pushbutton level in the selector.

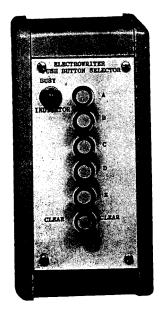
C2 PUSHBUTTON SELECTOR The C2 pushbutton selector allows single station selection only. This system provides written transmission to one station at a time and is for use where single station selection is required. The C2 selector is similar to the C1 type in characteristics and requirements except that depression of any button restores all others to the normal position. The "clear" button is depressed after transmission is completed to restore the selected button to the normal position.

## CIRCUIT SELECTORS and AUTOMATIC CONTROL UNITS.

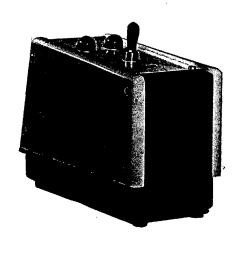
CS1 Circuit Selector allows, by means of a simple switch, the selection of a predetermined group of receiving stations from a larger number of receiving stations. The unit contains two signal lamps, used to indicate switch position and circuit availability.

CU1, CU2 and CU3 are Automatic Control units which, by means of sensing networks, respond to transmitted signals to effect the automatic opening or closing of circuits in a predetermined pattern.

CSU1, CSU2 and CSU3 units combine manual control of the CS1 unit with automatic control of the CU units to provide both manual and automatic circuit selection. Lights on the units show switch position and circuit availability. The CSU3 unit is used where a transmitting or transceiving station requires alternate access to a private line network and to the telephone switched network via a data set.



C1 Pushbutton Selector



CS1 or CSU
Circuit Selector
and Control Unit

## **SWITCHING EQUIPMENT PRICES**

#### SUB-ITEM A

	INSTALLATION AND MONTHLY RELOCATION		SUB-ITEM B
	RENTAL	CHARGES	SALE
D4 TYPE DIAL SELECTOR <sup>1</sup>			
Per station	\$ 5.00	no charge²	\$110.00
D5 TYPE DIAL SELECTOR <sup>1</sup>			
Per station	5.75	no charge <sup>2</sup>	182.00
RD1 ANSWER BACK			
Receive-only station	3.50	no charge <sup>2</sup>	73.00
ELECTROWRITER PAX SWITCHBOARDS <sup>3</sup> 1110 SWITCHBOARD			
1 link, 10 lines	16.50	\$25.00	333.00
Group station dialing feature			
Each 2-station group	3.00	15.004	63.00
Each 3-station group	4.25	15.004	83.00
2416 SWITCHBOARD			
2 links, 16 lines	55.00	25.00	994.00
Group station dialing feature			
Each 2-station group <sup>4</sup>	3.50	15.004	71.00
Each additional station <sup>4</sup>	1.50	15.004	39.00
4428 SWITCHBOARD			
4 links, 28 lines	75.00	50.00	1 <i>5</i> 75.00
Group station dialing feature			
Each 2-station group <sup>4</sup>	3.50	15.004	71.00
Each additional station <sup>4</sup>	1.50	15.004	39.00
LLA1 LONG LINE ADAPTER	5.00	no charge	80.00
EM4 END OF MESSAGE 601A CONTROL UNIT	2.50	no charge⁵	76.80
SS60 SUBSET 60	3.00	10.00	72.00

Order Dial Selectors as follows depending on the Electrowriter instrument comprising the station: At Transceiver stations order D4C or D5C dial selectors. At Send-Receive stations order D4T/R or D5T/R dial selectors. At Transmitter Only stations order D4T dial selectors which are also applicable to D5 type systems. All pricing is as listed above.

<sup>&</sup>lt;sup>2</sup>No charge if installed or relocated with associated rental Electrowriter instrument(s). If selectors under rental are installed or relocated without associated Electrowriter instruments, there is a \$25.00 charge for the first selector and a \$15.00 charge for each additional selector.

<sup>&</sup>lt;sup>3</sup> Dial switchboards are for use with D4 or D5 Dial Selectors. Consult contractor for switchboards of greater capacity.

<sup>4</sup> There are no relocation charges for group station dialing features.

<sup>&</sup>lt;sup>5</sup> No charge if installed or relocated with associated rental Electrowriter instrument(s). If equipment listed above under rental is installed or relocated without associated Electrowriter instruments, there is a \$10.00 charge for each piece of equipment.

# SWITCHING EQUIPMENT DESCRIPTIONS

D4 DIAL SELECTOR. The D4 dial selector allows written communication to or between stations by means of dialing through a dial switchboard modified for write-only service. Flexibility and adaptability are provided as new stations may be added to the system by simply wiring into the switchboard. Almost unlimited selection capacity can be achieved depending upon the capacity of the switchboard. Simultaneous communication paths are also possible depending upon the switchboard capacity. Type D4 is for use on customerowned lines or leased telephone lines for write-only service.

D5 DIAL SELECTOR. The D5 dial selector is similar to the D4 dial selector in capabilities and function. However, the D5 dial selector has the added feature of providing an assurance signal that the called receiving station is actually connected. Upon feeding paper at the called receiving station on signal from the transmitting station, the D5 dial tone light will glow momentarily at the transmitting station to indicate that paper was fed at the receiving station, thereby assuring the connection.

RD1 ANSWER BACK UNIT for receive-only stations in dial selection systems of the D5 type. This unit connects to a receiver at a receive-only station and provides the same assurance as described for the D5 dial selector.

#### **ELECTROWRITER PAX SWITCHBOARDS**

For write-only service, these switchboards provide maximum flexibility in station selection, either individually or in predetermined patterns, with minimum line costs. The units are completely self contained and housed in dust protection covers. Brief specifications are as follows:

MODEL	SIZE	MOUNTING	SHIPPING WEIGHT	LINKS	LINES	LOOP RESISTANCE
	10"x5¾"x14½"	Wall	25 lbs.	1	10	300 ohm
1110 2416	221/2"x181/2"x42"	Floor	100 lbs.	2	16	500 ohm
4428	22½"x18½"x36"	Floor	150 lbs.	4	28	500 ohm

LONG LINE ADAPTER. This unit, located at a switchboard, attaches to the signal line and is used where loop resistance of the line exceeds standards stated above.

VOICE/WRITE ATTENDED AND UNATTENDED WRITTEN SERVICE.\* When Electrowriter units are used in combination with the telephone (Bell Telephone Data-Phone 601A dataset or comparable telephone and subset) written information can be sent over regular telephone networks at the message or monthly rate. Either attended or unattended service can be employed at the push of a button. Electrowriter-telephone service provides for the transmission of written orders, diagrams, requisitions, signatures and other data by simply dialing the party you wish to write. A connection can be made regardless of whether the called Electrowriter-telephone station is being attended or not. When Electrowriter instruments are used with the 601A dataset an EM4 control unit should be ordered for each station.

\*Electrowriter instruments are accepted for use over local and long distance facilities of the Bell System, General Telephone System and independent telephone companies.

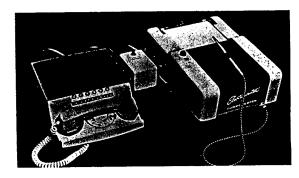
EM4 END OF MESSAGE 601A CONTROL UNIT. The End of Message control unit is used with Electrowriter units connected to Bell Telephone 601A datasets allowing written messages to be sent or received over regular telephone facilities. Messages may be received on an unattended or attended basis. The EM4 control unit contains an "End of Message" button and disconnect sensing device necessary for either unattended or attended operation. An EM4 control unit should be ordered for each Electrowriter—601A data set station.

SS60 SUBSET. The Subset 60 is for use with alternate voice/write service on privately owned dial telephone systems. The subset insures that the line will not be disconnected when switching from the telephone to the Electrowriter instrument and back again. When the Electrowriter instrument is used with the telephone on other than privately owned dial facilities, the local telephone company will supply a subset.



D4 & D5 TYPE Dial Selector

Voice/write attended and unattended service.



## Approved For Release 2005/07/13 : CIA-RDP78B04770A002900050019-7

## SUPERVISORY CONTROLS PRICES

#### SUB-ITEM A

1

		INSTALLATION	
•	MONTHLY RENTAL	AND RELOCATION CHARGES	SUB-ITEM B
			JALL
K1 ACKNOWLEDGEMENT CONSOLE 1, 3 DESK TOP UNIT			
Basic Unit	\$5.00	\$25.00	
Plus per light	.50		
K2 ACKNOWLEDGMENT PANEL 2, 3 DESK MOUNTED			
Basic Unit	5.00	25.00	
Plus per light  K3 ACKNOWLEDGMENT PANEL 2, 3	.50		
WALL MOUNTED			
Basic Unit Plus per light	5.00	25.00	
K1, K2, OR K3 ACKNOWLEDGMENT UNITS I	.50		
1-5 lights (only K1. Console available)			\$180.00
6-10 lights (K1, K2 & K3 available) 11-15 lights (K2 & K3 available)			238.00
KB/C1 ACKNOWLEDGMENT/AUTOMATIC			374.00
BUSY INDICATOR CONSOLE			
WITH PUSHBUTTON SELECTOR 1, 3, 4  Basic Heit 1-10 lights and much sets as			
Basic Unit 1-10 lights and pushbuttons Plus per light and pushbutton	6.00 .50	25.00	
KB/C1C ACKNOWLEDGMENT/AUTOMATIC BUSY INDICATOR CONSOLE WITH PUSHBUTTON SELECTOR FOOR TRANSCEIVER STATION 1, 3, 4			
Basic Unit 1-10 lights and pushbuttons Plus per light and pushbutton	7.00 .50	25.00	
KB/C1 ACKNOWLEDGMENT/AUTOMATIC BUSY INDICATOR CONSOLE WITH PUSHBUTTON SELECTOR 1, 3, 4 1-5 lights and pushbuttons 6-10 lights and pushbuttons			216.00 381.00
(B/CIC ACKNOWLEDGMENT/AUTOMATIC BUSY NDICATOR CONSOLE WITH PUSHBUTTON ELECTOR FOR TRANSCEIVER STATION 1, 3, 4			381.00
1-5 lights and pushbuttons 6-10 lights and pushbuttons		•	245.96
N/C1 CIRCUIT ASSURANCE CONSOLE 5, 6 WITH PUSHBUTTON SELECTOR			410.60
Basic Unit Per circuit light with pushbutton	8.00 .50	25.00	
/C1C CIRCUIT ASSURANCE CONSOLE WITH USHBUTTON SELECTOR FOR TRANSCEIVER STATION 5, 6			
Basic Unit Plus per light and pushbutton	.9.00 .50	25.00	
./C1 CIRCUIT ASSURANCE CONSOLE 5 VITH PUSHBUTTON SELECTOR	.50		
1-5 circuit light and pushbutton capacity			291.00
CIC CIRCUIT ASSURANCE CONSOLE WITH USHBUTTON SELECTOR FOR TRANSCEIVER STATION 5, 6 1-5 circuit light and pushbutton capacity			
o p supudij			320.87

 $<sup>^1</sup>$  For K1 or KB/C1 acknowledgment console with more than 10 lights consult contractor.

<sup>&</sup>lt;sup>2</sup> For K2 or K3 acknowledgment panels with more than 15 lights consult contractor.

<sup>&</sup>lt;sup>1</sup> Prefix ordering numbers K1, K2, K3, and KB/C1, acknowledgment panels and consoles with the number of lights required. For example, an 8K1 would be an acknowledgment console, with 8 lights activated, and 7 KB/C1 would be an acknowledgment console, with 7 lights and 7 pushbuttons activated.

If the KB/C1 unit is to be used as an automatic busy indicator console instead of an acknowledgment console, this should be indicated when ordering. Prices as list above.

s For circuit assurance consoles with more than 5 circuit light capacity consult contractor.

<sup>•</sup> Prefix ordering number A/C1 Circuit Assurance Console with the number of circuit lights required. For example a 4 A/C1 would be a Circuit Assurance Console, with 4 circuit lights and 4 pushbuttons activated.

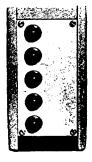
# I SURFRYIRRRY... CONTROL PRESCRIPTIONS

K1, K2 or K3 ACKNOWLEDGMENT CONSOLES AND PANELS An acknowledgment console or panel is comprised of a number of lights on a console unit or panel and is used with a separate pushbutton selector. The panel type (K2 or K3) either desk or wall mounted, is situated near the transmitter, and indicates with its display lights that a written message has been received at the receiver station(s). The console type functions the same as the panels but has smaller acknowledgment lights and therefore is of overall smaller size. The lights in an acknowledgment console or panel remain on until turned off by a signal from the receiving station which, depending on the type of alerting device used at the receiving station, may be manually given or it may be automatic. Acknowledgment signals are transmitted over the regular Electrowriter signal lines. No additional lines are needed.

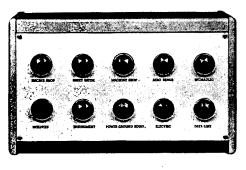
KB/C1 ACKNOWLEDGMENT CONSOLE WITH PUSHBUTTON SELECTOR. A KB/C1 acknowledgment console is a single unit combination of an acknowledgment console (K1) and a C1 pushbutton selector. The KB/C1 acknowledgment console contains acknowledgment lights and pushbuttons for selection in sending to remote receiving stations. The function and operation is similar to K1, K2 or K3 acknowledgment units with separate pushbutton selectors.

The KB/C1 console may be used as an automatic busy line indicator instead of an acknowledgment console. When wired to indicate busy line conditions, the light associated with a remote station will glow when the remote station is busy receiving from another transmitting station. Each circuit busy light (acknowledgment light) will glow to indicate a busy condition when its particular circuit is busy without first depressing the associated pushbutton. Busy line conditions may be observed by simply glancing at the console.

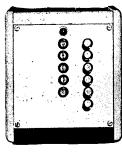
A/CI CIRCUIT ASSURANCE CONSOLE WITH PUSHBUTTON SELECTOR. A circuit assurance console warns against broken signal line conditions. A circuit assurance console contains pushbuttons and circuit lights representing all remote receiving stations and a maintenance light and buzzer. The pushbuttons provide selection in sending to the remote receiving locations. The circuit lights guard against broken circuit conditions. Each circuit light is assigned to monitor one circuit. All circuit lights remain on unless a circuit is broken or a receiver turned off. If this happens, then the particular circuit light involved will turn off and the buzzer will sound alerting personnel of the broken circuit conditions. The buzzer can be shut off which lights the maintenance light as a reminder of the circuit problem. When the circuit is restored to normal, the maintenance light will turn off and the circuit light will turn on. Circuit assurance consoles operate over regular Electrowriter signal lines. No additional lines are needed.



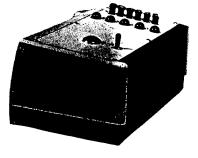
K1 Acknowledgment Console



K2 or K3 Acknowledgment



KB/C1
Acknowledgment
Console



A/C1 Circuit Assurance

#### SUB-ITEM A

	MONTHLY	INSTALLATION AND RELOCATION	SUB-ITEM B
	RENTAL	CHARGES	SALE
PW3 PAPER WINDER	\$2.50	no charge <sup>1</sup>	\$72.00
TE1 PAPER TEAR-OFF EXTENSION <sup>2</sup> (for use with type B, 6 x 3" forms)	no charge	no charge	no charge
FT1 PACK FORMS TRAY  (for 6 x 3" and 6 x 6"; 2 ½" high packs)	no charge	no charge	no charge
FT2 PACK FORMS TRAY  (for 6 x 4", 6 x 8", and 6 x 9"; 2 ½" high packs)	no charge	no charge	no charge

No charge if installed or relocated with associated rental Electrowriter instrument(s). If equipment listed above under rental is installed or relocated without associated Electrowriter instruments, there is a \$15.00 charge for the first piece of equipment, and a \$5.00 charge for each additional piece of equipment.

#### STANDARD ELECTROWRITER SUPPLIES

#### INK:

## 1771-610 ELECTROWRITER FLUID INK-BLACK

(4 ounce bottle, 6 refills, for Transceivers and Receivers)

2.70

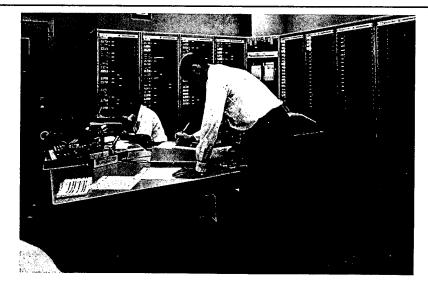
## 1771-609 ELECTROWRITER FLUID INK-RED

(4 ounce bottle, 6 refills, for Transceivers and Receivers)

2.70

# 1734-801 ELECTROWRITER TRANSMITTER INK CARTRIDGE

1.60



<sup>&</sup>lt;sup>2</sup> TE1 extension is for use with Transmitters, models 008 and earlier, and for use with Receivers, models 007 and earlier. Later models, including the Transceiver, TE2 extension should be ordered.

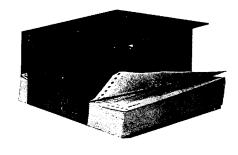
PW3 PAPER WINDER The Model PW3 Paper Winder provides automatic winding of the paper as it is fed out of the instrument. The PW3 mounts directly to the rear of an Electrowriter instrument. An upright extension arm causes the paper to be fed up and out of the instrument exposing approximately 15" to 18" of paper. The take-up spool provides a threading frame for starting a new roll. A two position spring loaded switch is provided. The spring holds the switch in the automatic-wind position for normal operation. The switch may be moved to the continuous-run position to rewind paper after reviewing messages stored on the take-up spool.

TEI PAPER TEAR-OFF EXTENSION. The paper tear-off extension is for use with Electrowriter instruments using 6" x 3", Type B, paper forms. The tear-off extension is only necessary with this particular paper form to provide the correct tear-off ledge. The TE2 paper tear-off extension should be ordered for use with transceivers, all models, transmitters, models 009 and later, and receivers, models 008 and later.

FT1, FT2, PACK FORMS TRAY. The pack forms tray is used to hold  $2\frac{1}{2}$ " high pack forms to be fed into an Electrowriter unit. The model FT1 is for use with 6" x 3" and 6" x 6" pack forms and the model FT2 is for use with 6" x 4", 6" x 8" and 6" x 9" pack forms.



Model PW2



PACK FORMS TRAY

## **ELECTROWRITER SUPPLIES**

1771-610 ELECTROWRITER FLUID INK—BLACK. Electrowriter fluid ink is for use in all receivers and transceivers. It is of a special composition to be highly anticoagulative and yet quick drying. Under no circumstances should other inks be used in any receiver or transceiver unit.

1771-609 ELECTROWRITER FLUID INK—RED. This red colored fluid ink is similar in composition to 1771-610 and is used to color code messages from certain desired receivers or transceivers.

1734-801 ELECTROWRITER BALLPOINT INK CARTRIDGE. A specially machined ball point cartridge which is designed to fit all Electrowriter transmitter ball point pens. Only Electrowriter 1734-801 ball point refills will fit properly into transmitter ball point pens.

## **ALERTING DEVICE PRICES**

#### SUB-ITEM A

118

MONTHLY	INSTAL Al RELOC	SUB-ITEM B	
RENTAL		RGES	SALE
ALERTING DEVICES 1, 3			
L1 PEDESTAL LAMP	\$1.50	no charge <sup>2</sup>	\$36.00
LIC PEDESTAL LAMP FOR USE WITH TRANSCEIVER	2.00	no charge <sup>2</sup>	48.00
L2 WALL MOUNTED LAMP	1.60	no charge <sup>2</sup>	38.40
LC2 WALL MOUNTED LAMP FOR USE WITH TRANSCEIVER	2.10	no charge <sup>2</sup>	50.40
LBT PEDESTAL LAMP WITH BUZZER	1.75	no charge <sup>2</sup>	42.00
LBIC PEDESTAL LAMP WITH BUZZER FOR USE WITH TRANSCEIVER	2.25	no charge <sup>2</sup>	54.00
BI BUZZER	1.50	no charge <sup>2</sup>	36.00
BIC BUZZER FOR USE WITH TRANSCEIVER	2.00	no charge <sup>2</sup>	48.00
B2 BUZZER	1.00	no charge <sup>2</sup>	24.00
B2C BUZZER FOR USE WITH TRANSCEIVER	1.50	no charge <sup>2</sup>	36.00
G1 WALL MOUNTED BELL	1.80	no charge <sup>2</sup>	43.20
G1C WALL MOUNTED BELL FOR USE WITH TRANSCEIVER	2.25	no charge²	54.00
G2 WALL MOUNTED BELL	1.30	no charge <sup>2</sup>	31.20
G2C WALL MOUNTED BELL FOR USE WITH TRANSCEIVER	1.80	no charge <sup>2</sup>	43.20

Alerting devices L1, L2, B1, G1, L1C, L2C, B1C and G1C are activated on paper advance and remain on until manually turned off. Models B2 and G2 remain on only while paper is feeding. Models LB1 and LB1C can be ordered with continuous lamp and either intermittent or continuous buzzer.

## ALERTING DEVICES DESCRIPTIONS

L1 PEDESTAL LAMP. The Model L1 Pedestal Lamp is provided to alert personnel at the receiving station that a message has been sent. The lamp is activated on paper feed signal and will remain lighted until manually turned off.

at the receiving station that a message has been sent. The lamp is activated on paper feed signal and will remain lighted until manually turned off. The Model L2 consists of two components—the wall mounted lamp and a manual turn-off button installed adjacent to the local paper feed button on the Electrowriter Receiver.

LB1 PEDESTAL LAMP AND BUZZER (not shown). The Model LB1 is a combination alerting pedestal lamp and alerting buzzer. The alerting lamp lights upon paper feed signal and remains lighted until manually turned off. The alerting buzzer can be either continuous, being turned off when the pedestal lamp is turned off, or intermittent, sounding during the paper feed cycle only.

<sup>&</sup>lt;sup>2</sup> No charge if installed or relocated with associated rental Electrowriter instruments. If equipment listed above under rental is installed or relocated without associated Electrowriter instruments, there is a \$15.00 charge for the first piece of equipment, and a \$5.00 charge for each additional piece of equipment.

<sup>&</sup>lt;sup>3</sup> If alerting devices are ordered for use with an acknowledgment system, suffix the alerting device ordering code with the letter A; for example LBIA would be the correct ordering code for an LBI to be used at receiving stations of an acknowledgment system.

## OPTIONAL ACCESSORIES DESCRIPTIONS

**B1 BUZZER.** The Model B1 Buzzer is provided to alert personnel at the receiving station that a message has been sent. The buzzer is activated on paper feed signal and will remain on until manually turned off.

B2 BUZZER (not shown). The Model B2 Buzzer is similar to the B1 Buzzer. However, the B2 buzzer remains on only during the paper feed cycle and then is automatically turned off.

G1 WALL MOUNTED BELL. The Model G1 bell is provided to alert personnel at the receiving station that a message has been sent. The bell is activated on paper feed signal and will remain on until manually turned off. The device consists of two components—a wall mounted bell and a manual turn-off button which is installed adjacent to the local paper feed button on the Electrowriter Receiver.

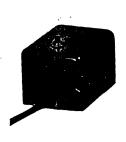
G2 WALL MOUNTED BELL. The Model G2 bell is similar to the G1 Bell. However, the G2 Bell remains on only during the paper feed cycle and then is automatically turned off.



PEDESTAL LAMP Model L1



WALL MOUNTED LAMP Model L2



BUZZER Model B1



WALL MOUNTED BELL Model G1 Model G2

## CONVERSION FROM RENTAL TO PURCHASE

## Sub-item B

EQUIPMENT LEASED FOR	MAY BE PURCHASED FOR % OF NEW EQUIPMENT PRICE	MAY BE PURCHASE EQUIPMENT LEASED FOR OF NEW EQUIPME	D FOR	% ICE
12 full months	92½%	5 full years	55	%
12 full monins	72 /2 /6	•	4 =	٠.
2 full years	85 %	6 full years	45	-
3 full years	75 %	7 full years and any time thereafter	32 1/2	2 %
4 full years	65 %			

## SERVICE INFORMATION

## Sub-item A

## Mileage Limits

Rental prices, installation and relocation charges quoted are for systems located up to 50 miles from an Electrowriter Service office.

For Systems outside the standard 50-mile radius service area, these rates and charges are subject to negotiation between the ordering office and the contractor at time of ordering. In these cases, the contractor agrees to train Government personnel to service the Electrowriter instruments at Government expense, should this be agreed upon by the Government ordering office and the contractor.

## Maintenance service charges for rental equipment

Maintenance service for Electrowriter instruments and any associated equipment during normal business hours is included in quoted rental prices.

Charges for service work other than during normal business hours or at any time on Saturdays, Sundays or holidays are covered by one of two options, which may be selected by the ordering agency:

#### OPTION 1:

MONTHLY CHARGE-15% of quoted rental prices will be added.

#### OPTION 2:

PER CALL SERVICE CHARGE—A charge of \$13.50 per hour for all travel time, mileage and labor time. Other travel and living expenses at actual.

### Sub-item C

# Maintenance service charges for Government-owned (purchased) equipment

### OPTION 1:

ANNUAL MAINTENANCE SERVICE—Annual maintenance service contracts are available on all Electrowriter equipment under two schedules.

- A. Weekdays, 8:00 A.M. to 5:00 P.M. local time, service. Annual maintenance service is available for weekdays, 8:00 A.M. to 5:00 P.M. local time at an annual charge of 25% of equipment annual rental of the equipment to be serviced. Cost of replacement parts included.
- **B.** All hours, weekends and holidays service. Annual maintenance service is available for all hours, including weekends and holidays at an annual charge of 37.5% of equipment annual rental of the equipment to be serviced. Cost of replacement parts included.

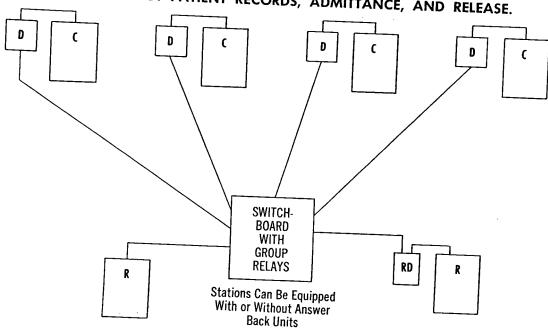
## OPTION 2:

PER CALL SERVICE CHARGES—In addition the cost of any replacement parts needed, will be applicable.

- A. Weekdays 8:00 A.M. to 5:00 P.M. local time. A charge of \$9.00 per hour for all travel time, mileage and labor time. Other travel and living expenses at actual.
- **B.** Hours other than weekdays 8:00 A.M. to 5:00 P.M. local time. A charge of \$13.50 per hour for all travel time, mileage and labor time. Other travel and living expenses at actual.

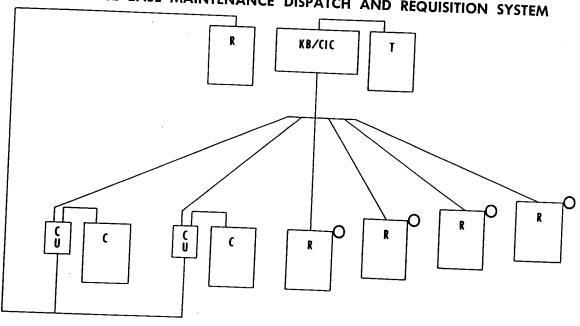
# TYPICAL ELECTROWRI

MILITARY ADMINISTRATION AND OPERATIONS SYSTEM MILITARY BASE LOGISTIC, ADMINISTRATION, AND OPERATIONS. HOSPITAL IN-OUT PATIENT RECORDS, ADMITTANCE, AND RELEASE.



D—Dial Selector C—Transceiver T—Transmitter R—Receiver RD—Answer Back Unit

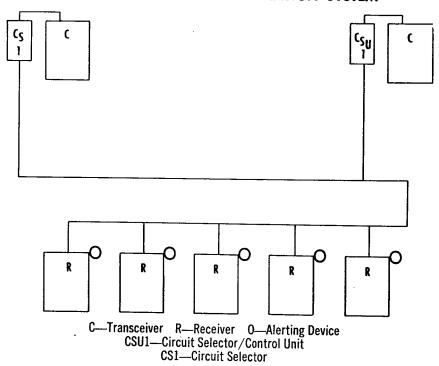
# AIR FORCE BASE MAINTENANCE DISPATCH AND REQUISITION SYSTEM



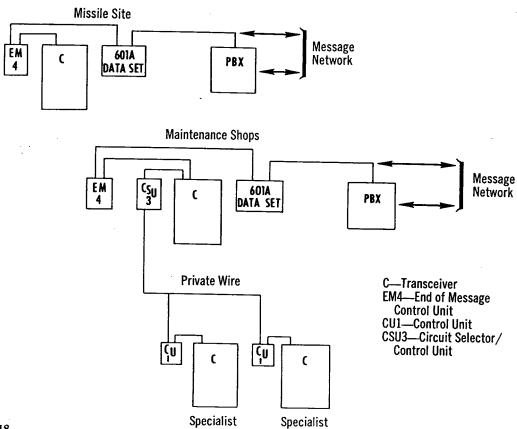
T—Transmitter R—Receiver C—Transceiver O—Alerting Device KB/CIC—Acknowledgement and Automatic Busy Console with **Push Button Selector** 

# TYPICAL ELECTROWRITER SYSTEMS

## AIR FORCE WEATHER DISSEMINATION SYSTEM



## MISSILE MAINTENANCE SYSTEM



## **PRINTED FORMS**

## **GENERAL INFORMATION**

Electrowriter forms facilitate transmitting information and provide permanent file copies. The writing areas can be arranged in almost any manner with horizontal lines, vertical lines, and check-off boxes. Spacing of  $\frac{3}{8}$  or more between lines or boxes should be provided. Allow sufficient space within columns or boxes to accommodate the required number of characters the size of normal handwriting.

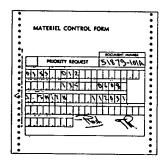
All standard continuous forms are printed on one side in black ink on one-ply paper, 6" wide and in lengths of 3", 4", 6", 8", 9", or 12". Forms are supplied with control punching (sprocket type) for pinfeed guidance, end-of-pack marker, and horizontal perforations between individual forms for ease in dividing. Printed forms are available in 15 lb. or 20 lb. weight paper, Electro-Roll and Electro-Pak. The Guide Layout forms will aid your design and provide necessary information.

#### PRICING INFORMATION

- 1. BASE PRICES—Electro-Roll—Electro-Pak shown on pricing schedules (exclusive of \$25.00 Plate Charge on initial order).
  - A. PAPER—(Weight and color as indicated on price table). This is a special paper compatible with the ink used in the Electrowriter pen, continuous one ply forms.
  - B. INK-Black on face. (See extra feature charge for back printing).
  - C. COMPOSITION—(See Form Guide Layout Sheets).
  - D. PUNCHING—Control punching on each side for sprocket feed mechanism.
  - E. PERFORATION—Regular press perforations between forms for separation into individual forms. Full length vertical perforations available at no extra charge.
  - F. END-OF-PAK AND END-OF-ROLL MARKER—Furnished on all forms.
  - G. PROOFS—Furnished at no extra charge.
  - H. PACKING—Packed in convenient size shipping cartons.

### 2. PLATE CHARGE

- A. NEWLY DESIGNED FORM PRINTED FOR FIRST TIME-\$25.00.
- B. BACK PRINTING (See extra feature charge).



SUPPLY REQUISITIONING



ADMITTING INFORMATION



FILE REQUESTS



MAINTENANCE DISPATCHING

Anne	oved For	Poloss	2005	<u> </u>	רוע_סה	DZZDA	47 <b>7</b> 0 0 0 0	200004	50010 7					
E/W SYSTEM EQUIPMENT	CHECK LIS	Releasi ST	e 2005 <i>i</i>	0/13:	CIA-RD	P /000	41/1 UAUU	<i>2</i> 80003	19-1	/ ,	/ /	/ 。/	/ /	/
												18/8	2 or more	/
	55 W675W			210.	/ .	/ .o.	/ ,	/ ,	/ .	/ 01	ابد 🖊	4.0 018	2 or mile	/.
	PE SYSTEM	' /		Smit		mit 51			Throl C	( w.o.)	350.			MONE
NOTE: "TRANSMIT STA." May be a		reselect Ho	neselect	ron ector	et ector and	instruction	incror bo	ck colocity	. co danse	W dgmer	SHILZBURG	W Sural.	200 m/8	المراه
Transmitter, Transmitter-Receiver		n.se drsh	nese more	Selvisin's	Selvore	(5010/	Solewer	it 3. 00/	JOH EMITT	OMIGRETIO	in Asmirie	it A31 510	Bus 510	640, POJ
Comb. or Transceiver.	Ho	n-seleci nit	20, 61	ronsmit sto.	selector m	ia, Die	Selector bo	ck solector	control control	or und Circ	smistory Stranger	Mo. P B	Date Date	Phone of
E/W UNITS	NSO	NST	со	ст	D4	D5	CS/CU	ко	кт	AO	АТ	ВТ	601A	VW
20, 21	X		X		Х	Х	Х	х		Х				
20G <sup>1</sup> , 21G <sup>1</sup>		Х		Х			Х		X		Х	х	х	Х
20G/22 <sup>1</sup> , 21G/23 <sup>1</sup>		Х		Х	х	Х	· X		х		Х	Х	Х	Х
22, 23	X.	Х	Х	X	Х	Х	X	х	Х	х	Х	Х	X	X
26, 27		X			х	X	X		X	<u> </u>	Х	Х	X	X
APPLICATION KITS6			•											
10012		Х		X			Х		X		х	х		
10023					х	x								
10033		X		Х			X		x		x	X		x
10043														
1019								0	0	х	х	0		T
10214	0	0	0	0	0	0	0	0	0	0	0	0		0
10233, 1023-12													X	
1026	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWITCHBDS & ACCESS.										Nor		t voice	/	4
1110					Х	Х			E				/write	
1010, 1018					Х	Х				Priv	vate lin	е		
2010, 2018					Х	Х				Τ				
2416					X	х								
4428					Х	х								
LLA1					0	0								T
G.R.					0	0								
DIAL SELECTORS														
D4T			<u> </u>		х									
D4T/R					Х				l .					
D4C5					Х									
D5T/R						Х								
D5C5						Х								
RD1					0	Х								
PUSHBUT. SELECT.														
C1			X	х	T			0	0					
C2			X	×				0	0		1			
SUPERVY, CONT, w/PUSHBUT. SELECT.						<u> </u>								
KB/C1, KB/C1C5								0	0			Х		T
A/C1, A/C1C <sup>5</sup>	1	1		1		1				X	X	1	1	1

Appl	roved F	or Relea	ase 200	5/07/13	: CIA-F	RDP78E	304770A	002900	050019	-7				
SUPERVY, CONSO, NON-SELECT		ļ												1
		ļ	-					X	X	<u> </u>				
K2								Х	Х					
КЗ								X	Х				1	
1K5								X						
CIRCUIT SELECT, MANUAL/AUTO.CONT.														1
CS1							X				-	<del> </del>	<b>—</b>	+
CSU1, CSU2, CSU3							Х							1
CONTROL UNITS							-				<del> </del>	<del> </del>		
CU1, CU2, CU3							Х				T		<b>†</b>	+
EM4										1	<u> </u>		X	+
PAPER WINDERS						·						<del>                                     </del>	-	+
PW2, PW3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALERTING DEVICES									<del> </del>	<del> </del>			+	+
L1, L2	0	0	0	0	0	0	0			0	0	0	0	0
B1, B2	0	0	0	0	0	0	0	<del> </del>	<del>                                     </del>	0	0	<del>                                     </del>	0	0
G1, G2	0	0	0	0	0	0	0			0	0	0	- 0	0
LB1	0	0	0	0	0	10	0	<del> </del>		0	0	0	0	0
L1A, L2A		<u> </u>	<u> </u>	1	<del>                                     </del>	<del>                                     </del>		X	X		-		-	$+$ $\overline{-}$
B1A, B2A					1	T		X	X		<u> </u>		<del> </del>	+
G1A, G2A			· · · · · · · · · · · · · · · · · · ·	<u> </u>				X	X	<del> </del>	<del> </del>	<del> </del>	-	
LBIA		<b> </b>	ļ		<del> </del>	+	·	X	X				<del> </del>	<del> </del>
L1C, L2C <sup>5</sup>		0	·	<b></b>	0	0	0	<del>  ^</del>	<del>                                     </del>		<del> </del>	0	-	0
B1C, B2C5		0			0	0	0				<u> </u>	0	0	1 0
G1C, G2C <sup>5</sup>	<del>                                     </del>	ō		<u> </u>	0	0	0	<del> </del>	<del> </del>		<del> </del>	0	0	0
LB1C5	-	0			0	0	0	-		· · ·	<del> </del>	0	0	0
ACCESSORIES			-	<del> </del>										
LC1	<u> </u>	-		<u> </u>	<b></b>	<del> </del>	0	x	x	×	×	x	ļ	<del> </del>
FT1	0	0	0	0	0	0	0	ô	0	ô	<del>                                     </del>	<del>-</del>	0	-
FT2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TE1, TE2	0	0	0	0	0	0	0	0	0	0	0	0		1
\$\$60	<del>                                     </del>	-	<del>                                     </del>	<del></del>	<del>                                     </del>	<del>                                     </del>		-		<u> </u>	ļ <u> </u>	0	0	0
REC 1, 2	<b></b>		<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	0	0	0	0	<del>  </del>		ļ	0
AMP 1	0	0	0	0	0	0	0	0	0	0	0	0	<del> </del>	
SUPPLIES	<del>–</del>	<del>-</del>	<del> </del>	<u> </u>		<b>├</b> —		<u> </u>		-				
609	X	X	×	×	×	x	×	×	×	Х	×	×		-
6.0	x	x	x	x	x	x	X	^	×				X	X
801	X	×	x	l â	x	l â	X			X	X	X	X	X
	<b>-</b> ^-	^	_ ^		, <u>, , , , , , , , , , , , , , , , , , </u>	_ X	X	X	Х	Х	X	X	Х	X

(1) Requires Application Kit

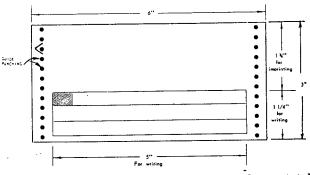
(4) Used with 20G or 21G only - not applicable to Model 26 or 27 (X) One or more items in each category is REQUIRED.

(2) Used with 20G (3) Used with 20G/22, 21G/23 (6) See Specification for ordering information

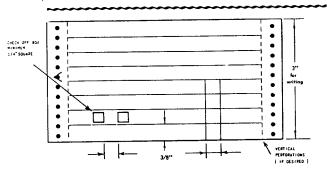
(5) \*\*C\*\* suffix used with Transceiver only

(0) One or more items in each category is OPTIONAL.

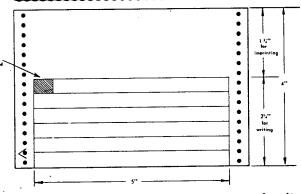
Electrowriter forms facilitate transmitting information and PRVIAB Q4779A9Q29Q0050Q1957 all concerned. The writing areas can be arranged in almost any manner with horizontal lines, vertical lines, and check-off boxes. Spacing of 3/8" or more between lines or boxes should be provided. Allow sufficient space within columns or boxes to accommodate the required number of characters the size of normal writing. Forms have a standard 6" width with a 5" wide writing area. The form length can be designed to be 3", 4", 6", 8", 9", or 12" long. The guide layouts will aid your design and provide necessary information.



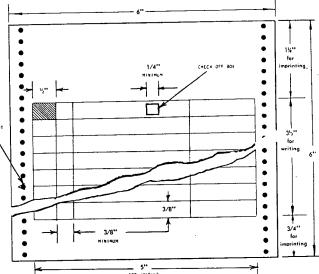
6 x 3" FORM 6 x 3" Type A, form has a total writing area of 5 x 11/4". This form feeds out in one shift. The shaded area cannot be written in but may be imprinted.



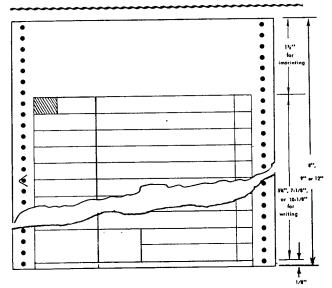
TYPE B, writing area of 5 x 3" and feeds out in two shifts. A paper tear-off extension should be ordered (no charge) for each instrument using this size, type B, form.



 $6 \times 4''$  FORM The  $6 \times 4''$  form has a total writing area of  $5 \times 2^{1}/4''$ . The 4'' form feeds out in one shift.



 $6 \times 6''$  FORM The  $6 \times 6''$  form has a total writing area of  $5 \times 3\frac{1}{2}''$  and feeds out in one shift.



6 x 8", 6 x 9" OR 6 x 12" FORMS

The  $6 \times 8''$  form has a total writing area of  $5 \times 5\frac{3}{4}''$  and feeds out in two shifts.

The  $6 \times 9''$  form has a total writing area of  $5 \times 7^{1}/8''$  and feeds out in three shifts.

The  $6 \times 12''$  form has a total writing area of  $5 \times 10^{1/8}''$  and feeds out in four shifts.

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## PAPER ELECTRO-ROLL ELECTRO-PAK

#### **GENERAL INFORMATION**

Two types of paper, Friction Feed Plain, Sprocket Feed Plain or Printed Forms, are available for the Electrowriter Transmitter, Transceiver, and Receiver. The paper stock for both is a special one-ply paper compatible with the ink used in the Electrowriter pen.

PLAIN FRICTION PAPER is used when there is no requirement for a printed form. Available from factory in 15 lb. white stock only, in rolls 3" dia. x 6" wide, approximately 200' to a roll.

SPROCKET PAPER must be ordered when there is a sprocket type instrument requirement or a requirement for a printed form.

Sprocket paper is carried in stock without any ruling (plain sprocket paper) or with horizontal line ruling (lined sprocket paper) in 15 lb. stock, white only. This paper is available only in rolls, 3" dia. x 6" wide, 200' long.

Sprocket paper is used for printed forms and is available in either 15 lb. or 20 lb. weight. The 20 lb. weight is available either in white or colored stock. The 15 lb. weight is available only in white stock. Either 15 lb. or 20 lb. paper is available in rolls or in paks. Rolls are 3" in dia. x 6" wide, 200' long for 15 lb. stock, 130' long for 20 lb. stock. The number of forms per roll depends on the length of the individual form.

Paks of 15 lb. or 20 lb. stock for printed forms are  $2\frac{1}{2}$  " high x 6" wide. The length of the pak and the number of forms per pak are dependent on the length of the individual forms.

END OF ROLL/PAK MARKER BEGINS APPROXIMATELY 10' BEFORE END OF ROLL OR PAK.

#### **DELIVERY**

Plain friction, Plain sprocket or Lined sprocket paper: 5 to 15 days from factory after receipt of order. Printed forms new or revised: 45 days from factory after receipt of accepted order at factory. (When proof required allow additional 15 days). All shipments are F.O.B. destination within continental limits of the United States.

#### **QUANTITY DISCOUNTS**

Apply only on the actual amount of plain paper or printed forms, ordered for shipment at one time.

## Sub item A

#### Electrowriter plain friction, plain sprocket and lined sprocket paper prices

Electrowriter plain and lined paper is available in 15 lb. white stock rolls only. Normally, plain sprocket paper or lined sprocket paper is only used prior to the designing and printing of a specific form for use in a system.

(SEE ELECTROWRITER PRINTED FORMS SECTION FOR PRINTED FORMS PRICING).

#### Plain Friction Paper—Order Stock No. 1734-984

Rolls		Cartons	
8 or less	\$1.50 each	1-3	\$21.83 each
9–16	1.10 each	4-18	15.11 each
1 <i>7</i> –31	.80 each	19 or more	14.15 each
Plain Sprocket Paper	—Order Stock No. 1734-6	02	
8 or less	\$2.00 each	1 or more	\$47.37 each
9–16	1.75 each		• •
17-31	1.60 each		
Lined Sprocket Paper	-Order Stock No. 1734-9	<b>986-15</b>	
(Perforated For 1	Tear Every 3". Horizontal Lines	3/8" Apart).	
8 or less	\$2.10 each	1 or more	\$53,57 each
9–16	1.90 each		•
17-31	1.80 each		
Lined Sprocket Paper	-Order Stock No. 1734-9	987-9	•
(Perforated For 1	Tear Every 6". Horizontal Lines	%" Apart).	
8 or less	\$2.10 each	1 or more	\$53.57 each
9–16	1.90 each		
1 <i>7-</i> 31	1.80 each		

# EXTRA FEATURE CHARGE

Approved For Release 2005/07/13: CIA-RDP78B04770A002900050019-7

1. BACK PRINTING—(One Color Only) (Includes Plate Charge)	
(A) Reverse side in Black Ink	\$35.00 Per Order
(B) Colored Ink—(Choice any one standard color)	
2. INK COLOR—Other than Black (Face of Form Only)	
(A) Choice of: Blue, Brown, Red, Green, Gray or Purple	15.00 Per Order
(B) Two Color combination (Face of Form Only)	
1—Black and Red	25.00 Per Order
2—Black and any one color other than red	
3. CONSECUTIVE NUMBERING—(Red Ink Only)	
(A) One number on each form, running continuously in Red Inl	k in any position
parallel with horizontal perforation	8.00 Per Order
(B) Consecutive numbering change	
(C) Number Reset	3.50 Per Change
4. ALTERATION ON PROOF	
Any copy alterations on returned proof will take the follow charge:	ring appropriate
(A) Alterations within area not exceeding 5" x 2"	10.00
(B) Alterations within area not exceeding 5" x 4"	
(C) Alterations beyond above specifications	
5. COMBINED ORDERS	
(A) Two or more forms of the same size only, may be combined total quantity rate. Nominal charge will be made on Plate must be submitted to contractor for price	Change, Copy
6. CHANGE IN FORM—REPEAT ORDER	
(A) Addition or change of form number or straight type matter exceed one line. This can be inserted and changed only in	basic body of
Form Layout.	
(B) Any change in Vertical or Horizontal Ruling, requires new pla	ate 25.00
7. PAPER CHANGE	
(A) Same form printed in various colored stock. Flat charge for ea	ch color change. 8.00 Per Change
(B) Number Reset	(See 3C above)
8. CUTS	
Nominal charge will be made on cuts. Copy must be submitted	d to contractorConsult Contractor

# ELECTRO-PAK PRINTED FORM PRICE SHEET

BASE PRICE—Prices per thousand supplied in standard 15 lb. weight. Paks 2½" high folded on 6", 8", 9" and 12" perforations. Perforated in individual form lengths per price schedule below. 15 lb. stock supplied in white only. 20 lb. stock supplied in white and colored stock. For 20 lb. stock add additional charge per M to Base Price for white stock, line (1), colored stock, line (2) below. See extra feature charge when order calls for more than one color stock.

## STOCK NO. ORDERING INFORMATION

	Type A	Type B			Type A	Type B		
Horizontal Perf. Only	1114	985	111 <i>7</i>	603	1337	1372	1119	1121
Horizontal & Vertical Perf.	1116	990	1118	991	1355	1373	1120	1122

QUANTITY OF FORMS	6 x 3"	6 x 4"	6 x 6"			
4000		0 1 4		6 x 8"	6 x 9"	6 x 12"
8000	\$5.90	£7.00	\$11.75	\$19.18	\$20.13	\$25.85
12000	\$3.90 4.37	\$7.00	7.33	11.65	12.20	15.28
16000		5.38	5.84	8.99	9.54	11:59
20000	3.61	4.60	5.09	7.77	8.21	9.09
24000	3.15	4.08	4.60	7.04	7.35	8.73
28000	2.84	3.74	4.26	6.47	6.77	8.48
32000	2.61	3.43	4.01	6.04	6.32	7.53
36000	2.42	3.24	3.80	5.69	5.97	7.07
40000	2.27	3.09	3.65	5.43	5.71	6.68
48000	2.16	2.92	3.52	5.22	5.48	6.35
64000	1.98	2.72	3.30	4.88	5.12	6.12
80000	1.84	2.62	3.13	4.60	4.82	5.92
	1.80	2.59	3.10	4.50	4.73	5.77
100000	1.76	2.57	3.07	4.47	4.71	5.61
120000	1.71	2.54	3.05	4.43	4.65	5.49
140000	1.68	2.49	3.02	4.40	4.60	5.39
160000	1.67	2.44	3.00	4.37	4.56	5.30
180000	1.63	2.39	2.97	4.35	4.53	5.22
200000	1.61	2.36	2.96	4.32	4.50	5.1 <i>7</i>
240000	1.59	2.35	2.94	4.30	4.48	5.12
280000	1.58	2.33	2.93	4.27	4.45	5.08
320000	1.57	2.32	2.92	4.24	4.43	5.04
360000	1.55	2.31	2.91	4.23	4.40	5.00
400000	1.54	2.29	2.89	4.19	4.37	4.96
440000	1.53	2.28	2.88	4.17	4.35	4.92
480000	1.51	2.27	2.87	4.14	4.32	4.89
520000	1.50	2.26	2.85	4.13	4.30	4.87
560000	1.49	2.24	2.84	4.11	4.28 ~	4.86
600000	1.48	2.23	2.83	4.10	4.27	4.84
660000	1.46	2.22	2.81	4.09	4.26	4.83
740000	1.45	2.20	2.80	4.08	4.24	4.82
820000	1.44	2.19	2.79	4.06	4.23	4.80
940000	1.42	2.18	2.78	4.05	4.22	4.79
1000000	1.41	2.16	2.76	4.04	4.21	4.78

On all initial forms orders for newly designed forms being printed for the first time, there is a \$25.00 make-up charge for development and making of plates regardless of quantity.

## SUPPLEMENTARY INFORMATION

Additional Charges/M					·	
20 lb. white paper	.26	.34	.52	.68	.76	1.04
20 lb. colored paper	.48	.60	.86	1.10	1.22	1.64
Quantity of Forms in 2½" packs						
15 lb.	1800	1350	900	675	600	900
20 lb.	900	1350	450	675	600	450

Approved For Release 2005/07/13: CIA-RDP78B04770A002900050019-7
BASE PRICE—Prices per thousand 15 lb. stock, supplied in white stock only—Rolls 3" dia. x 6 x 200'.
20 lb. stock supplied in white and colored stock—Rolls 3" dia. x 6 x 130'. For 20 lb. stock add additional charge per M to Base Price for white stock, line (1), colored stock, line (2) below. See extra feature charge when order calls for more than one color stock.

#### STOCK NO. ORDERING INFORMATION

	Type A	Type B		Type A	Type B	
Horizontal Perf. Only Horizontal & Vertical Perf.				1356 1357		

QUANTITY	6 x 3"	6 x 4"	6 x 6"	6 x 8"	6 x 9"	6 x 12"
OF FORMS	0 X 3	0 1 4	\$12.72	\$20.26	\$21.89	\$27.93
4000	*	<b>47.</b> (3	7.88	12.27	13.18	16.15
8000	\$6.35	\$7.62	6.25	9.44	10.32	12.24
12000	4.70	5.84	5.43	8.17	8.86	9.60
16000	3.82	4.99		7.39	7.90	9.33
20000	3.30	4.40	4.86		7.23	8.98
24000	3.05	4.02	4.48	6.78	6.78	7.85
28000	2.76	3.65	4.22	6.38		7.83 7.46
32000	2.55	3.50	4.04	5.97	6.43	
36000	2.37	3.33	3.83	5.70	6.09	6.96
40000	2.26	3.17	3.71	5.47	5.73	6.70
48000	2.10	2.93	3.53	5.14	5.45	6.43
64000	1.98	2.78	3.37	4.84	5.12	6.21
80000	1.90	2.71	3.27	4.74	5.04	6.03
100000	1.87	2.67	3.23	4.71	4.97	5.9 <b>5</b>
1 20000	1.81	2.65	3.20	4.69	4.91	5.83
140000	1.76	2.62	3.17	4.66	4.86	5.71
160000	1.71	2.59	3.13	4.63	4.82	5.60
180000	1.67	2.57	3.10	4.60	4.78	5.51
200000	1.64	2.54	3.07	4.56	4.74	5.43
240000	1.63	2.52	3.06	4.53	4.70	5.36
280000	1.62	2.49	3.05	4.50	4.67	5.32
320000	1.61	2.46	3.04	4.48	4.62	5.28
360000	1.59	2.45	3.02	4.45	4.60	5.25
40000	1.58	2.44	3.01	4.43	4.57	5.19
440000	1.57	2.42	3.00	4.40	4.54	5.14
480000	1.55	2.41	2.98	4.37	4.52	5.12
520000	1.54	2.40	2.97	4.34	4.49	5.10
560000	1.53	2.39	2.96	4.31	4.48	5.09
600000	1.51	2.37	2.94	4.30	4.47	5.08
660000	1,50	2.36	2.93	4.28	4.45	5.06
740000	1.49	2.35	2.92	4.27	4.44	5.05
820000	1.48	2.33	2.91	4.26	4.43	5.04
940000	1.46	2.32	2.89	4.24	4.41	5.02
1000000	1.45	2.31	2.88	4.23	4.40	5.01
100000						

On all initial forms orders for newly designed forms being printed for the first time, there is a \$25.00 make-up charge for development and making of plates regardless of quantity.

#### SUPPLEMENTARY INFORMATION

Additional Charges/M		·				
20 lb, white paper	.26	.34	.52	.68	.76	1.04
20 lb. colored paper	.48	.60	.86	1.10	1.22	1.64
Quantity of Forms in Roll	S					
1.5 lb.	800	600	400	300	260	200
20 lb.	520	390	260	195	174	130

#### SUB-ITEM D

(All Federal Government agencies or activities ordering under this price schedule receive a 25% discount from the below listed prices of Electrowriter replacement parts, Sub Item D.)

PART NUMBER	LIST PRICE	DESCRIPTION
EW4000	\$ .16	·····Resistor 10 ohm
EW4001	.16	Resistor 390 ohm
EW4002	.16	·····Resistor 470 ohm
EW4003	.16	·····Resistor 1 K
EW4004	.16	·····Resistor 1200 ohm
EW4005	.14	····· Resistor 1500 ohm
EW4006	.14	····· Resistor 2200 ohm
EW4008	.14	····· Resistor 3300 ohm
EW4009	.16	
EW4010	.16	····· Resistor 6800 ohm
EW4011	.14	····· Resistor 10 K
EW4012	.16	····· Resistor 12 K
EW4014	.16	
EW4015	.16	····· Resistor 68 K
EW4016	.14	····· Resistor 100 K
EW4018	.16	····· Resistor 330 K
EW4020	.16	····· Resistor 470 K
EW4022	.16	·····Resistor 1 Meg.
EW4023	.40	· · · · · · · Resistor 100 ohm 1w
EW4026	.36	
EW4027	.16	·····
EW4029	.16	····· Resistor 330 ohm
EW4032	.16	Resistor 22 K
EW4034	.16	····· Resistor 27 K
EW4035	.14	Resistor 150 K
EW4037	.16	
EW4040	.16	
EW4043	.16	Resistor 33 K
EW4044	.16	
EW4052	.16	
EW4053	.14	
EW4054	.16	
EW4055	.16	
EW4056	.16	
EW4057	.16	
EW4058	.34	
EW4059	.16	
EW4060	.16	
EW4061	.34	
EW4062	.34	

(All Resistors 10% tolerance unless otherwise indicated)
(All Resistors ½w unless otherwise indicated)



# ELECTROWRITER® REPLACEMENT BOARD \$000500197

PART NUMBER	LIST PRICE	DESCRIPTION
EW4063	\$ .40	·····Resistor 1200 ohm 1w
EW4065	.16	Resistor 27 K
EW4066	.36	
EW4067	.16	Resistor 270 K
EW4068	.56	
EW4071	.16	Resistor 22 ohm
EW4072	.16	
EW4073	.16	·····Resistor 18 ohm
EW4074	.58	
EW4076	.56	
EW4081	.16	
EW4082	.40	
EW4083	.16	
EW4084	.16	
EW4085	.16	
EW4086	.22	
EW4089	.24	
EW4092	.22	Resistor 470 K 5%
EW4093	.22	Resistor 330 K 5%
EW4094	.16	
EW4123	.36	
EW4126	1.44	
EW4135	.22	
EW4136	.24	
EW4145	1.60	Capacitor 1.0 mfd. 200v
EW4154	.60	
EW4160	.28	Capacitor .05 mfd. 100v
EW4161	1.10	Capacitor .22 mfd. 50v
EW4185	.68	
EW4186	.74	
EW4187	.78	
EW4188	.90	
EW4189	.96	
EW4190	.22	
EW4191	.26	
EW4192	.30	
EW4193	.32	
EW4194	.38	
EW4196	.46	
EW4197	.56	
EW4198	.34	Capacitor .027 mfd. 100v
EW4200	.30	
EW4201	.30	
EW4205	3.22	
EW4206	3.92	
EW4207	.60	
EW4208	.72	Capacitor 2000 mmfd. 300v
EW4210	.60	Capacitor 1500 mmfd. 300v



PART NUMBER	LIST PRICE	DESCRIPTION
EW4211	\$ .52	Capacitor 1300 mmfd. 300v
EW4223	1.52	
EW4226	1.40	Diode IN2069
EW4227	.96	Diode IN66A
EW4229	1.40	Diode G-01 Silicon
EW4230	.80	
EW4231	1.00	
EW4264	3.70	
EW4265	3.06	Transistor 2N651
EW4267	3.76	
EW4268	1.60	Transistor T1 N350
EW4374	1.84	
EW7001	.06	Screw 2-56 x 1/2 Fil. Hd.
EW7002	.06	Screw 2-56 x ½ Fil. Hd.
EW7006	.02	Screw 4-40 x 3/16 Bd. Hd. Cad.
EW7007	.02	Screw 4-40 x ¼ Bd. Hd. Cad.
EW7008	.02	Screw 4-40 x 1/16 Lg. Bd. Hd. Nickel
EW7015	.02	Screw 6-40 x 3/16 Bd. Hd. Cad.
EW7016	.06	Screw 6-40 x 1/4 Bd. Hd. Cad.
EW7017	.04	Screw 6-40 x 1/16 Bd. Hd. Cad.
EW7020	.04	Screw 6-40 x 3/8 Fillister Head
EW7021	.06	Screw 6-40 x ¼ Rd. Hd.
EW7025	.02	Screw 6-32 x 1/4 Bd. Hd. Nickel
EW7026	.04	Screw 6-32 x 1/16 Lg. Bd. Hd. Cad.
EW7027	.02	Screw 6-32 x 3/8 Bd. Hd. Cad.
EW7028	.02	Screw 6-32 x ½ Bd. Hd. Cad.
EW7029	.04	·····Screw 6-32 x ⅓ Lg. Bd. Hd. Cad.
EW7032	.06	Screw 6-32 x ¾ Lg. Flat Hd. Nickel
EW7033	.06	Screw 8-36 x 1 Rd. Hd.
EW7034	.04	·····Screw 8-32 x 1/4 Bd. Hd. Nickel
EW7035	.04	
EW7037	.04	Screw 10-32 x 1/8 Hex. Hd-
EW7038	.08	Screw 10-32 x ¾ Hex. Hd.
EW7039 `	.02	Screw 10-32 x ½ Bd. Hd. Cad.
EW7043	.02	·····Screw 6-32 x ¾ Bd. Hd. Nickel
EW7044	.02	Screw 6-32 x 1/4 Flat Hd.
EW7046	.02	Screw 6-32 x 1 Bd. Hd. Nickel
EW7049	.06	Screw 8-32 x 3/8 Bd. Hd. Nickel
EW7054	.04	Screw 2-56 x 1/8 Bd. Hd. Nickel
EW7056	.04	Screw 2-56 x ¾ Bd. Hd. Nickel
EW7057	.06	Screw 2-56 x ¾ Bd. Hd. Cad.
EW7059	.06	·····Screw 4-40 x 3/8 Rd. Hd. Nickel
EW7063	.02	Screw 6-32 x 1/8 Lg. Bd. Hd. Nickel
EW7065	.06	Screw 6-32 x 5/8 Bd. Hd. Nickel
EW7066	.02	Screw 4-40 x 1/16 Flat Hd.
EW7067	.06	Screw 2-56 x ¾ Bd. Hd. Cad.
EW7069	.02	Screw 6-32 x ½ Fillister Hd.
EW7070	.04	

PART NUMBER	LIST PRICE	DESCRIPTION
EW7072	\$ .06	Screw 2-56 x ¾6 Bd. Hd. Cad.
EW7074	.04	
EW7075	.04	Nut-Hex 4-40 x ¼ x ¾2
EW7076	.02	
EW7077	.02	
EW7080	.10	Nut-Hex 6-32 x 1/4 x 3/22 Nickel
EW7081	.12	
EW7082	.02	
EW7083	.04	Nut-Hex 6-32 x 1/8
EW7084	.04	Nut-Hex 6-32 x 1/4 x 3/2
EW7086	.06	Nut-Hex ¾-32 x ½ x ¾2
EW7088	.12	Nut-Hex 15/2-32 x 1/6 x 3/2
EW7094	.04	Nut-Hex 8-32 x 1/6 x 1/4
EW7098	.06	
EW7111	.02	Lockwasher #2 (Split)
EW7112	.02	Lockwasher #2 x 3/16 (Internal Tooth)
EW7113	.02	Lockwasher #4 x .212 (Split)
EW7115	.02	Lockwasher #6 x .253 (Split)
EW7116	.02	Lockwasher #6 x .253 (Split)
EW7117	.02	Lockwasher #6 x 1/22 (Internal Tooth)
EW7118	.02	Lockwasher #8 x 5/22 (Split)
EW7120	.02	Lockwasher #6 x 1/22 (Internal Tooth)
EW7121	.02	Lockwasher #8 x <sup>2</sup> 1/64 x .020 (Internal Tooth)
EW7122	.02	Lockwasher #4 x ¼ (Internal Tooth)
EW7123	.02	Lockwasher #10 x 3/2 (Internal Tooth)
EW7124	.02	Lockwasher #10 x 1/16 (Split)
EW7125	.06	
EW7126	.06	Lockwasher 3/8 x 11/16 (Internal Tooth)
EW7127	.02	Lockwasher #3 x 3/16 (Split)
EW7128	.02	Lockwasher #5 (Internal)
EW7130	.14	
EW7131	.04	Lockwasher 3/8 x 1/2 x .020 (Internal Tooth)
EW7149	.02	······Washer #4 x 9/22 Flat
EW7151	.02	
EW7153	.04	
EW7155	.02	······Washer #6 x 5% Flat
EW7156	.02	
EW7157	.02	
EW7158	.04	
EW7164	.02	
EW7165	.08	
EW7168	.02	
EW7197	.22	Lamp Bulb G.E. #51 6v
EW7204	2.30	····· Switch—Micro
EW7206	.08	
EW7207	.02	
EW7219	.14	·····Clip—Fuse
EW7225	.04	Rivet 1/8 x 3/16

PART NUMBER	LIST PRICE	DESCRIPTION
EW7227	\$ .02	
EW7232	.04	Lug—Zierck
EW7238	.02	Lug—Maled
EW7240	.04	
EW7241	.12	······ Insulator — Mica
EW7242	.26	·····Socket—Insulating
EW7244	.04	
EW7266	.04	Lug ¾4 x ⅓8 (Malco #958)
EW7267	.02	
EW7269	.32	Tubing 6½" (Black #4) Vinyl
EW7270	.04	
EW7273	.08	Truarc Ring .073 x .187 x .015
EW7274	.02	
EW7275	.02	
EW7276	.10	Grommet 3/6 x 1/2 x 1/4 — Atlanta India #1 453
EW7277	.04	Lug q .130 x % x 1" (Zierick #342)
EW7278	.14	
EW7279	.12	
EW7280	.06	
EW7284	.16	
EW7289	.06	
EW7291	.14	
EW7293	.08	
EW7294	.08	
EW7295	.06	Terminal Strip—2 Lug
EW7309	.06	
EW7313	.06	
EW7314	.06	
EW7315	.92	
EW7316	.06	
EW7318	.08	
EW7320	.06	
EW7323	.84	Local P/F Switch ¼"
EW7333	.04	Truarc Ring .112 x .010 #5100-12
EW7341	.06	
EW7342	.06	
EW7343	.34	
EW7344	.02	
EW7356	.28	
EW7357	2.00	
EW7358	.08	Push Nut PK-250007
EW7366	.12	
EW7374	1.12	
EW7377	.38	
EW7378	.28	Fuse—% amp Pigatil
EW7382	.02	Rivse—2 amp PigtailRivet 1/8 x 3/8 Tubular Steel
EW7385	.06	
EW7386	.06	

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PART NUMBER	LIST PRICE	DESCRIPTION
EW7387	\$ .14	Lug—Jones 141-J
EW7429	.34	Socket (w/Retainer Ring) (All Plug in Pens)
EW7431	.06	
EW7435	1.00	P/B Lamp Bulb Miniature 6v
EW7475	.08	Terminal Strip—3 Lug
EW7483	.08	Lug (Malco #950)
EW7492	.16 ft.	
EW7497	1.60	Potentiometer 1000 ohm 10%
EW7499	.14	
EW7501	.08	Screw 6-32 x 2¾ Round Head
EW7502	.06	Screw 2-56 x % Bd. Hd.
EW7503	.08	Screw 2-56 x 1/16 Fil. Hd.
EW7505	.04	Screw 4-40 x ¼ Fil. Hd.
EW7507	.06	Screw 3-48 x 3/8 Bd. Hd.
EW7509	.04	Screw 4-40 x ½ Bd. Hd. Brass—Cad.
EW7510	.02	Screw 6-32 x 1/16 Bd. Hd. Cad.
EW7512	.06	Screw 2-56 x 1/8 Pan Head
EW7514	.16	Screw 4-40 x 1/8 Set
EW7516	.12	Screw #6-32 x 3/6 Lg. Set—Allen Head
EW <i>75</i> 18	.04	
EW7519	.06	Screw 10-32 x ¾ Bd. Hd. Cad.
EW7521	.06	
EW7523	.10	
EW7524	.06	Screw 6-32 x 3/8 Flat Head Nickel
EW7526	.06	Screw 10-32 x 3/8 Tr. Hd. Nickel
EW7527	.02	Screw 8-32 x ½ Bd. Hd. Nickel
EW7531	.02	Screw 3-48 x 1/4 Bd. Hd. Nickel
EW7532	.06	Screw 4-40 x 1/8 Bd. Hd. Nickel
EW7538	.04	Screw 10-32 x 3/8 Rd. Hd.
EW7539	.04	Screw 2-56 x 1/16 Fillister Head
EW7551	.04	Locking Terminal #6
EW7557	.02	
EW7558	.24	Spring—Relay Hot Tin
EW7559	.24	Spring—Relay Pen Down
EW7563	.12	Screw 4-40 x <sup>3</sup> / <sub>4</sub> Flat Head—Brass
EW7564	.06	Screw 6-32 x 1 1/4 Bd. Hd.
EW7565	.12	
EW7566	.86	
EW7567	.22	
EW7576	.04	Lug Zierich (#504)
EW7579	.24	
EW7595	.04	
EW7596	.34	Terminal Strip—Jones #2004
EW7597	.14	Nut—Swage SN-832-4
EW7598	.02	
EW7612	.06	
EW7613	.06	
EW8043	.76	Lens—Red Plastic

PART NUMBER	LIST PRICE	DESCRIPTION
EW8614	\$ .10	Screw 6-32 x 1½ Bd. Hd. Cad.
1734-102	1.88	Link Assembly—Short
1734-109	.34	Screw—Mtg.
1734-113	.14	
1734-115	105.68	Pen Motor Assembly (Low Torque)
1734-120	.56	Dropper—Pen
1 <i>7</i> 34-132	14.46	Armature Assembly—Position Transformer
1 <i>7</i> 34-139	12.90	Arm Assembly—Main
1734-149	.80	······ Plate—Mounting
1734-152	4.30	Link Assembly—Long
1734-153	.92	Retainer—Bearing
1734-154	.20	······Shaft—Rocker
1 <i>7</i> 34-165	1.40	Plunger—Pen Magnet
1734-182	1.40	
1734-194	4.96	······Plate—Paper
1 <i>7</i> 34-197	.24	
1734-198	.26	······Nut—Adjusting
1734-207	3.58	Sprocket—Bead Chain
1734-211	3.80	Bearing—Ball (Pantograph)
1734-213	5.40	Pivot Disc Assembly (Pantograph Vertical Board)
1734-215	2.34	
1734-221	1.24	Bracket—Tear Off Locking
1734-222	.90	Rod—Pivot
1734-223	.28	Bracket—Extension
1734-227	1.90	·····Pin—Hinge
1 <i>7</i> 34-238	.60	Paper Guide
1734-239	.82	Shaft—Paper Feed Roller
1734-245	.92	Post—Main Frame
1734-247	3.88	Shield—Electronic (w/Cam Cut Out)
1734-250	.34	
1734-254	1.34	·····Plate—Paper Stripper
1734-264	.40	Lever—Micro Switch
1734-269	.78	
1734-274	9.06	
1 <i>7</i> 34-2 <i>77</i>	.52	Clip—Retaining
1734-280	.72	Bracket—Ink Reservoir Stop
1 <i>7</i> 34-319	21.60	Arm Assembly—Main
1734-326	41.66	
1 <i>7</i> 34-338	.62	Bracket—Main Frame Bridge
1734-352	9.44	Solenoid—Receiver Pen
1734-360	.82	
1734-361	.12	
1734-369	27.90	Frame—Main Machine
1734-397	5.04	
1734-403	5.40	Toroid .1 Henry
1734-409	.06	
1734-414	.68	Rod—Pivot
1734-418	1.00	Screw—Adjusting

#### SECULIA REPLACEMENT PARTS

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PART NUMBER	LIST PRICE	DESCRIPTION
1734-419	\$ .16	
1734-420	.48	
1734-421	1.92	Coil—Horizontal Discriminator
1734-422	1.28	
1734-423	1.76	Coil—ren Signal Take Off
1734-426	.48	
1 <i>7</i> 34-432	.06	
1734-442	.28	Spacer (Unit Cover)
1734-447	.22	Spring—Torsion
1734-454	.70	Spring—Torsion
1 <i>7</i> 34-465	.34	······Finger—Paper Strip-Off
1734-474	.04	Spring—Lock
1 <i>7</i> 34- <i>5</i> 02	5.60	Arm Sub-Assembly—Pen
1 <i>7</i> 34- <i>5</i> 06	.18	
1 <i>7</i> 34-528	1.00	
1 <i>7</i> 34-533	.18	
1 <i>7</i> 34- <i>5</i> 34	5.26	Plate—Lower
1 <i>7</i> 34- <i>5</i> 3 <i>5</i>	3.90	Plate—Upper
1 <i>7</i> 34- <i>5</i> 38	41.86	Plate Assembly—Upper
1 <i>7</i> 34-539-1	.30	Retainer—Bearing
1 <i>7</i> 34-539-2	.24	Spring
1 <i>7</i> 34- <i>5</i> 39-4	.10	Spring
1734-540	.32	
1734-542	4.12	Disc Assembly—Pivot
1734-546	.06	
1 <i>7</i> 34-550-1	.20	Foot—Felt
1734-550-2	.20	Foot—Felt
1734-554	26.26	Pen Assembly—Receiver
1734-590	42.12	Filter 1400 cps (Vertical)
1734-593	40.00	
1734-614	.38	
1734-621	8.34	
1734-633	.22	Serous Adjustica
1734-634	.82	Spacer—Micro Switch Cover
1734-635	.24	Screw—Adjusting
1734-638	.80	
1734-649	1.48	Coil (Cup) 120 cps (Pen Coupling)
1734-654	.16	Plate—Micro Switch
1734-663	3.76	Cap—Transmitter Pen
1734-664	5.26	
1734-665	.98	
1734-667	.80	Contact
1734-669	.22	Contact
1734-670	.54	
1734-671	.24	Spring—Compression (Trans. Pen)
1734-674	.36	Nut—Cam 3" Feed
1734-675	.52	Actuator—Micro Switch
1734-681	1.70	Spindle Sub-Assembly—L. H. Paper



PART NUMBER	LIST PRICE	DESCRIPTION
1734-683	\$44.92	Pantograph—Receiver
1734-684	5.68	Spring Assembly—Main Arm Hair
1734-687	5.66	Spring Assembly—Pen Arm
1734-689	.40	Clamp—Cable (Previous to Code 009)
1734-690	.14	
1734-692	.54	
1734-693	1.62	Switch—On-Off (Rotary)
1734-694	7.50	Transformer—Power (Receiver)
1734-695	5.34	Transformer—Power (Transmitter)
1734-696	3.00	Filter Choke—Horizontal Board 2.5 Henry
1734-697	3.00	
1 <i>7</i> 34- <i>7</i> 01	2.50	Spindle Assembly—Paper
1 <i>7</i> 34-705	.42	Bracket—Connector L. H.
1734-706	.46	Bracket—Connector R. H.
1734-707	3.96	Terminal Board Sub-Assembly
1734-708	.14	
1734-712	.26	Insulator—Lower
1734-713	.08	
1734-718	.90	
1734-734-1	.56	Indicator Plug—Blank
1734-734-2	.56	Indicator Plug—Busy
1734-739	.84	
1734-740	.12	Spacer
1734-741	.06	Pen Arm Extension—Mylar
1734-742	.98	
1734-743	.82	
1734-745	20.68	Shield Assembly—Electronic (Transmitter)
1 <i>7</i> 34- <i>747</i>	14.50	Shield Assembly—Electronic (Receiver)
1734-750	4.08	Lever Sub-Assembly
1734-754	3.04	Transformer 120 cps (Modulator)
1734-756	.24	
1734-757	3.02	Staking Assembly—Power Supply Board
1734-758	26.42	Pantograph Assembly—Transmitter
1734-767	3.28	
1734-770	6.18	Paper Chute (Assembly)
1734-771	.22	Insulator
1734-772	2.82	Bracket Assembly—R.H. Paper Spindle
1734-774	5.74	Lever—Detent (w/Motor Plate Sub-Assembly)
1734-776	1.24	
1734-777	11.20	
1734-778	28.88	
1734-784	.32	Post—Mounting
1734-800	<i>7</i> .80	Switch—Mercury
1734-802	47.76	
1734-805	3.78	Plate Assembly—Paper Stripper
1734-818	1 <i>7</i> .38	Stator Assembly—Position Transformer
1734-823	26.06	Bracket Assembly—Heat Sink
1734-824	3.34	Bracket Sub-Assembly

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PART NUMBER	LIST PRICE	DESCRIPTION
1734-829	\$22.86	Power Supply Board Assembly—Transmitter
1734-830	28.12	Power Supply Board Assembly—Receiver
1734-831	5.28	Terminal Board Assembly—Transmitter
1734-833	3.74	Terminal Board Assembly—Receiver
1734-834	4.62	Switch Sub-Assembly—Paper Drive Micro
1734-836	4.22	
1734-848	7.56	
1734-849	21.66	
1 <i>7</i> 34-8 <i>5</i> 5	2.78	
1 <i>7</i> 34-8 <i>57</i>	68.66	Vertical Board Assembly
1734-858	<i>75</i> .10	Horizontal Board Assembly
1734-859	52.08	
1734-864	3.72	Lever Sub-Assembly—Switch
1734-869	2.68	
1734-872	7.58	Sprocket Assembly—Bead Chain
1734-873	6.64	Detent Lever w/Mounting Plate Assembly
1734-874	1.52	
1734-875	.46	Stop Bracket—On-Off Switch
1734-885	.28	
1734-903	2.32	Pen Cable—Less Plug (Transmitter)
1734-906	.92	
1734-908	40.70	
1734-916	.28	
1734-918	1.00	
1734-929	.52	Bracket—Adjustable Retaining
1734-930	.56	
1734-931	.12	Spacer—Terminal Board Cover
1734-942	.16	Bearing
1734-944	7.20	
1734-960	34.00	Filter 1400/2200 cps
1734-964	1.90	
1734-966	1.12	
1734-967	1.36	
1734-968	1.20	
1734-970	1.04	
1734-971	1.08	Capacitor 20 mfd. 50v
1734-974	1.08	
1734-982	.86	Bracket—Filter (Receiver)
1734-1009	.52	Bracket
1734-1012	1.18	
1734-1017	12.66	
1734-1018	1.12	Pen Arm Sub-Assembly
1734-1018	3.20	
1734-1035		Support—Glass
	.42	Spacer—Stylus
1734-1038	.68 .00	
1734-1039	.30	
1734-1045	3.56	Plate—Glass (Transceiver)
1 <i>7</i> 34-1051	6.46	Relay 6k ohm



PART NUMBER	LIST PRICE	DESCRIPTION
1734-1052	\$ 6.72	
1734-1053	4.14	
1734-1054	4.68	
1734-1055	5.04	
1 <i>7</i> 34-1058	5.10	·····Pen Socket Assembly w/Leads
1734-1059	1.52	Socket Assembly—Pen
1734-1062	.46	
1734-1064	.24	
1 <b>7</b> 34-1065	.58	Switch—Push Button
1734-1067	1.46	
1 <i>7</i> 34-1068	.68	Switch—Local Paper Feed (%" Mounting Hole)
1734-1081	5.76	Roller Assembly—Paper Tension
1734-1084	.60	······Paper Guide
1734-1088	5.86	Support Sub-AssemblyGlass
1 <i>7</i> 34-1089	2.32	Capacitor 11000 mmfd, 300 vdc
1734-1090	1.76	
1734-1091	1.10	Trimmer Assembly—Mica
1734-1094	.58	······Bracket—Filter
1 <b>7</b> 34-1101	.12	Spacer—Power Supply Board
1 <i>7</i> 34-1108	1.64	Capacitor .0091 mfd. 300v Mica
1 <i>7</i> 34-1109	1.30	
1 <i>7</i> 34-1110	.48	Stud—Binding Post Board
1734-1112	4.20	· · · · · · Stylus Front Piece
1734-1126	.64	······································
1734-1127	.56	· · · · · · Paper Tear Off
1734-1129	.76	Bracket—Range Adjusting Assembly
1 <i>7</i> 34-1133	46.24	Stylus Assembly (Transceiver)
1734-1136	<i>27</i> .80	Cover Assembly
1734-1144	<i>55</i> .18	·····Circuit Board Assembly—Vertical
1734-1150	<b>76.58</b>	Circuit Board Assembly—Horizontal
1734-1154	30.86	Shield Assembly—Electronic
1734-1156	28.70	Base Assembly—Main
1734-1158	5.06	
1734-1159	2.02	Bracket Assembly—Paper Tear Off
1 <i>7</i> 34-1161	4.54	
1734-1162	2.94	Range Adjusting Assembly
1734-1164	67.92	Pen Arm, Stylus Arm and Main Arm Assembly
1734-1165	22.12	Pen Arm, Stylus Arm with Ball Assembly
1734-1168	89.90	
1734-1170	8.78	Binding Post Board Assembly w/Bracket
1734-1171	5.40	Binding Post Board Assembly
1734-1173	11.22	Terminal Board Assembly
1 <b>7</b> 34-11 <b>7</b> 4	8.26	Bracket Assembly—Heat Sink
1734-1175	4.42	Bracket Staking Assembly—Heat Sink
1734-1176	25.44	Power Supply Board Assembly (w/Elec. Comp.)
1734-11 <i>77</i>	<b>7.38</b>	Staking Assembly—Power Supply Board (w/o Elec. Comp.)
1734-1178	5.94	
1734-1179	5.64	

PART NUMBER	LIST PRICE	DESCRIPTION
1734-1182	\$32.56	Cable Assembly—Transceiver
1734-1186	2.06	Stylus
1734-1189	2.72	
1734-1190	.10	Insulator—Motor Terminal Board
1734-1193	.14	Insulator—Power Terminal Bracket
1734-1197	.96	Switch—Paper Feed Push Button
1734-1199	.10	Insulator—Lug Board
1734-1201	.60	Switch—Power
1734-1202	3.88	
1734-1203	6.04	Relay—Squeich (3k)
1734-1204	5.02	Relay—Paper Feed (2.3k)
1734-1205	27.94	Base—Machinea
1734-1206	2.98	Plate Sub-Assembly—Stylus Holder
1734-1208	1.42	Bracket Assembly—Filter (Transceiver)
1734-1209	4.22	Switch Assembly—Micro (Over Drive)
1734-1214	8.48	Box—Electronic (w/Swage Nuts)
1734-1217	.98	
1734-1219	7.06	Transformer—Power (Transceiver)
1734-1220	37.18	Pen Assembly w/Mercury Switch and Plug
1734-1221	36.94	Pen Assembly w/o Mercury Switch (w/rlug)
1734-1225	1.58	Bracket—Clamp (w/Swage Nuts)
1734-1228	.16	Spring—Paper Tension
1734-1232	.24	Insulator—Circuit Board
1734-1233	. 1.04	Capacitor—2 mfd. 100w vdc (Auxilliary Accessories Only)
1734-1234	1.32	Lampholder (See 1734-1238)
1734-1235	<i>.</i> 70	
1734-1236	1.92	Lens Cap (See 1734-1238)
1734-1237	4.22	Indicator Plate and Lens Assembly (1734-1235/1236)
1734-1238	2.32	Red "Busy" Indicator Kit (Field Installation)
1734-1239	.54	Screw—Adjusting (Trans. Pen)
1734-1240	.46	Retainer—Spring (Trans. Pen)
1734-1244	3.02	
1734-1247	3.88	Plate Assembly—Stylus Holder
1734-1249	.74	
1734-1250	.96	Capacitor 50 mfd. 75vdc
1734-1251	.32	Holder—Upright Lamp
1734-1252	.86	Holder—Lamp (Double Lead)
1734-1253	.10	Block—Packing (Styrofoam) 1/2 × 1/2 × 2/2
1734-1255	.56	Plug—Indicator (Sena)
1734-1256	.56	Plug—Indicator (On)
1734-1257	96.68	Frame Assembly—Mechanical Main
1734-1258	2.84	Bracket Assembly—L.H. Spindle
1734-1259	.56	Resistor—Variable 50 ohm Iw
1734-1260	.56	Resistor—Variable 500 ohm Iw
1734-1261	.56	Resistor—Variable 250 ohm Iw
1734-1262	.60	Resistor—Variable 2500 ohm 2w
1734-1263	.26	
1734-1264	.32	Lever—Adjusting (Paper Drag)



PART NUMBER	LIST PRICE	DESCRIPTION
1 <i>7</i> 34-1265	\$ .58	Nut—Adjusting Lever
1734-1266	.24	Screw—Adjusting Lever
1734-1271	1.24	Staking Assembly—Mounting Board
1734-1273	20.42	
1734-1274	5.68	Relay—Paper Feed (6k—115v—60 cps)
1734-1285	5.54	Board—Binding Post (w/Bracket)
1734-1287	5.35	Paper Drag Sub-Assembly
1734-1289	2.48	Bar—Spacer
1734-1292	1.44	
1734-1293	1.44	
1734-1294	.32	
1734-1296	.62	
1734-1297	12.80	Shield Assembly—Electronic
1734-1298	247.76	Box Assembly—Electronic
1734-1299	2.32	Trimmer and Bracket Assembly
1734-1300	18.66	
1734-1302	.66	Potentiometer 2.5k ohm 2w 10%
1734-1303	.62	Potentiometer 500 ohm 2w 10%
1734-1304	.62	Potentiometer 250 ohm 2w 10%
1734-1305	.62	Potentiometer 250 ohm 2w 10%
1734-1316	2.78	
1734-1317	10.90	
1734-1318	2.88	
1734-1315	105.52	
1734-1334	.42	
1734-1336	9.42	Solenoid Assembly—Pen
1734-1338	1.16	
1734-1342	19.86	
1734-1343	4.50	Sleeve Assembly
1734-1344	.98	Pin—Ratchet
1734-1345	3.68	Sprocket—Adjustable Feed Roll
	* *	
1734-1349	.26	
1734-1351	.06	
1734-1352	.08	
1734-1353	1.56	
1734-1354	1.68	
1734-1359	.14	
1734-1360	1.48	
1734-1365	.42	
1734-1366	1.00	Case Cover (Naugahyde)
1734-1368	.18	Label (Patent info USA)
1734-1369	.14	
1734-1382	5.50	Board Component Assembly—Binding Post
1734-1383	.20	
1734-1384	.82	
1734-1387	.06	
1734-1397	4.40	
1771-213	.12	Screw-Pilot

# ELECTROWRITER PARTS 2005/07/13: CIA-RDP78B04770A002900050019-7

PART NUMBER	LIST PRICE	DESCRIPTION
1 <i>77</i> 1-21 <i>5</i>	\$ .30	
1 <i>77</i> 1-216	.26	Roller—Paper Tension
1 <i>77</i> 1-218	1.92	Pin—Alignment Roller
1771-223	6.58	Shaft—Roller
1771-224	4.32	Roll Assembly—Feed
1771-235	.90	Sprocket—Friction Motor (1771-247)
1 <i>77</i> 1-237	.14	Spring—Tension
1771-247	12.12	
1 <i>77</i> 1-248	42.86	
1771-274	2.12	
1771-276	.20	
1771-282	1.10	Spring—Torsion
1771-355	.02	Pedestal Lamp Bulb Cover (Plastic)
1 <i>77</i> 1-382	7.92	
1771-391	3.84	Plate—Paper (Lined)
1771-414	.60	Buzzer
1771-416	.84	AC Adaptor Plug
1771-428	.10	Push Button Switch—N/C
1771-429	12.10	·····Spring—Compression
1771-470	1.10	
1 <i>77</i> 1-479	1.00	
1771-503	5.28	Bead Chain (Endless)—4 Inch Paper Feed
1771-505	5.12	
1771-507	9.64	
1 <i>77</i> 1-508	8.96	
1 <i>77</i> 1-509	18.60	Cable Assembly—Female (4 Pin Cinch-Jones)
1 <i>77</i> 1-510	10,40	
1 <i>77</i> 1-553	8.40	
1 <i>7</i> 71-556.	29.16	Bracket Assembly—Paper Tear Off
1 <i>77</i> 1-565	6.72	Paper Feed Roll Kit—4 inch (Friction)
1 <i>77</i> 1-627	29.16	
1 <i>77</i> 1-691	5.75 net	Paper Feed Roll Kit—4 inch (Adjustable Sprocket)
1 <i>77</i> 1-693	5.50 net	
1 <i>77</i> 1-700	2.75 net	
1 <i>77</i> 1-701	8.28	
1 <i>77</i> 1-738	9.40	Togs Off Brooket Assembly 2 to to (Remails)—4 Pin Cinch-Jones D Socket
2250-101	7.16	Tear Off Bracket Assembly—3 Inch (Black Lucite Paper Feed Tear Off)
2250-139-1	14.28	Binding Post Board Extension Kit
2250-171	5.38	
2250-261	16.92	
2250-262	6.00	
2250-307	8.44	Shunt Socket (Transceiver 601A Station)
2250-313	5.64	
2250-337	29.94	
2250-384	2.12	TE-1 Paper Tear Off Extension—3" (for pre-black lucite Paper Feed Tear Off)
2250-407	.30	
SMK-3000-R1	32.36	
SMK-3000-R2	.68	Receiver Modification Kit  Receiver Modification Kit (002 to FS 004)
SMK-3000-T1	.40	Transmitter Modification Kit (002 to FS 004)
SMK-3000-T2	18.20	Transmitter Modification Kit
		Transmitter Modification Kit

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#### FOR NEW MACHINES OR RENTALS, REPAIR PARTS, REPAIR SERVICE AND MAINTENANCE -

Purchase orders must be made out to Victor Comptometer Corporation, Business Machines Division, and may be mailed c/o local Victor Comptometer District Sales office. All invoices will be issued from the contractor's Home Office in Chicago.

<u>10:</u>	Electrowriter Sales			
	Victor Comptometer Corporation			
	Business Machines Division	***************************************		
	3900 North Rockwell Avenue			
	Chicago 18, Illinois			

"This order is placed in accordance with and under the terms of Contract GS-00S-46907 covering Victor Electrowriter Communication Service, Item No. 14-1. Nothing in this order is intended to alter or supersede the terms of that contract."

Description of Service	Number	Non-Recurring Charge	Rate per Month Per Unit Total	
	1			
	·			

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For ELECTROWRITER SERVICE FACILITIES See Back Page

Approved For Release 2005/07/13: CIA-RDP78B04770A002900050019-7



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